

Mission Incident  
Santa Paula, CA

Tank and Tote Inventory Sampling and Analysis  
Plan Data Summary

Prepared By:

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On Behalf of:



## 1 INTRODUCTION AND PURPOSE

The Tank and Tote Inventory Sampling and Analysis Plan (SAP) was prepared on behalf of Patriot Environmental supporting operations to provide environmental sampling work plans related to the Santa Clara Waste Water Company (SCWWC) Incident in Santa Paula, CA. A map of the site location is provided in Attachment A.

The incident involves Santa Clara Waste Water Company, a waste water treatment facility that had a fire involving vacuum truck(s), intermediate bulk containers (IBCs), tanks and other containers that contained products and waste that were stored onsite. No water or foam was used in fire suppression operations. The objectives of the tank and tote inventory and SAP is a phased approach and includes the following phases:

- 1) Perform a visual assessment of every tank and tote onsite that can be reasonably and safely assessed.
- 2) Group tanks into similar groups based on SCWWC site inventory (provided in Attachment B) and the visual assessment.
- 3) Collect media from a minimum of 10% of the tanks from each group for onsite Hazard Categorization (HAZCAT) screening. Collect media from every tote onsite that is not labeled and assess if media from labeled totes should be collected for onsite HAZCAT screening.
- 4) Collect one analytical sample for laboratory analysis from each tank group. Two analytical samples will be collected from each tank group if there is a process that links multiple tanks together. One influent and one effluent sample will be collected. Collect one analytical sample from any tote that HAZCAT screening does not provide sufficient data.

## 2 VISUAL ASSESSMENT

Per the approved SAP, every frac tank and tote that could be reasonably and safely accessed was assessed. A total of 103 frac tanks, 8 vertical poly tanks, and 64 totes were assessed. The site inventory that was provided by SCWWC is provided in Attachment B. A summary table of tank contents, field notes and photos from the visual assessment are provided in Attachment C.

## 3 TANK GROUPS

Based on the visual assessment and information from the SCWWC site inventory, all assessed frac tanks and vertical poly tanks were grouped into the following groups based on contents:

- Digestive Sludge (8 frac tanks)
- Domestic Sewage (11 frac tanks)
- Drilling Mud (27 frac tanks)
- Oil (16 frac tanks)
- Tank Bottoms (37 frac tanks)
- Vertical Poly Tank Sewage (8 vertical poly tanks)

A map of tank groups is provided in Attachment D.

Totes were not grouped because every tote that contained product was evaluated individually and a sample was collected for onsite HAZCAT screening. .

#### 4 HAZCAT SCREENING

A minimum of 10% of the frac tanks and vertical poly tanks from each group were subjected to HAZCAT screening (tanks selected randomly by [www.random.org](http://www.random.org)) by the onsite chemist. A map of the frac tanks and vertical poly totes that were subjected to onsite HAZCAT screening is provided in Attachment E. Hazard Categorization (HAZCAT) screening of representative samples of frac tank contents indicate that the contents reflect the SCWWC site inventory. The contents analyzed reflect the inventory including by-product digester sludge, domestic sewage, drilling fluids, oil waste, oily water, and tank bottoms. Samples of oil were subjected to field screening for PCBs. The results were inconclusive; therefore; two oil samples will be submitted to Test America for PCB analysis. A table summarizing HAZCAT screening results of the frac tanks and vertical poly tanks is also provided in Attachment E.

A total of 38 totes were observed to contain product and 17 were subjected to HAZCAT screening by the onsite chemist. A map of totes that were subjected to onsite HAZCAT screening is provided in Attachment F. HAZCAT analysis of tote contents indicated that the contents were consistent with the Safety Data Sheets (SDSs) provided by SCWWC (provided in Attachment G) with one exception (Tote 38). Contents include hydrogen peroxide solution, sulfuric acid, and polymer. Contents of Tote 38 are a water soluble, flammable organic with a pH of 2. FTIR analysis identified the organic as octadecyl-benzene sulfonic acid with xylene. However, the tote appears to be part of a production process. A review of the facility's processes is being conducted to assess the appropriateness of the compound's use. A table summarizing HAZCAT screening results of the totes is also provided in Attachment F. Based on the HAZCAT screening results, a sample was collected from Tote 38 and sent to the laboratory for analysis to confirm the field analytical identification.

## 5 Analytical Sampling

One discrete grab sample (tanks selected randomly by [www.random.org](http://www.random.org)) from each tank group was collected. 12 grab samples were collected from totes. All samples were sent to Test America, a NELAP-accredited laboratory for analysis of:

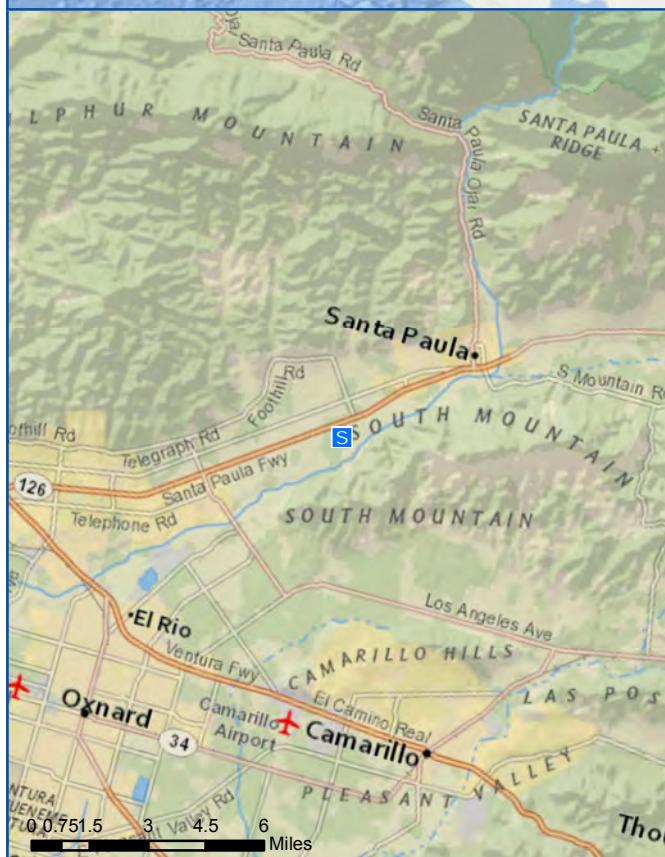
- Volatile organic compounds (VOCs) by USEPA Method 8260
- Semi-volatile organic compounds by USEPA Method 8270
- Total Recoverable Petroleum Hydrocarbons (TRPH) by USEPA Method 8015
- Metals by USEPA 6010 / 7041
- Anion scan (chloride, bromide, fluoride, nitrate, etc.) by EPA Method 300
- Chlorine by EPA Method SM4500
- pH by EPA Method 9040/9041
- Flashpoint/Igniteability by EPA Method 1010/1030

A summary table of analytical lab results is provided in Attachment H.

Lab reports were sent for level 2 data validation. Validated reports are provided in Attachment I.

**Attachment A:**

**Site Location Map**



Legend  
**S** Site Location

**Attachment B:**

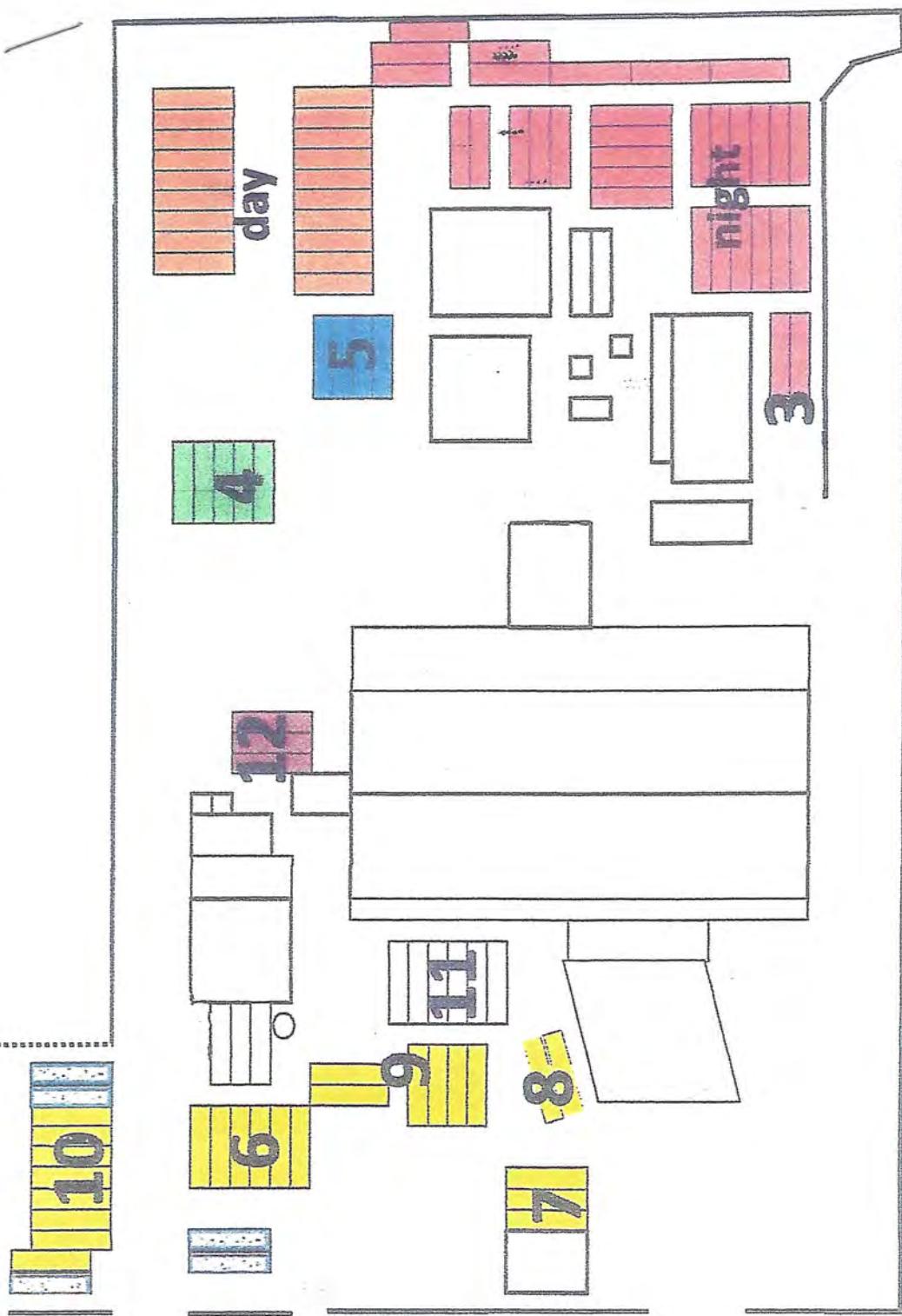
**SCWWC Site Inventory**

**Waste**

DM = Drill Mud  
Dom = Domestic Sewage  
Ralphs = Digestive Sludge (left over from nuggets)  
TB = Tank Bottoms  
OIL = Oil  
S. Oil = Slop Oil  
OIL Heat = Slop Oil Tanks Heated  
OPWW = Oil Production Well Water  
DM/OP = Drill Mud/Oil Production Well Water  
OB DM = Oil Based Drill Mud

**Levels**

RTE = Ready To Enter  
RTC = Ready To Clean  
Full = Full  
Half-RTC = Half Ready To Clean  
1/4-RTE = 1/4 Ready To Enter  
Cleaning = Cleaning Ready or in Progress  
Half = Half Full  
Up/Down = Level Varies (goes up and down)  
Half-RTE = 1/2 Ready To Enter



DATE 17-NovTIME 700am

OPERATOR

Chuck

Zone Owner Number Waste Level

A1	RR	252146	OIL	
A1	RR	253144	Ralphs	Full
A1	RR	256093	Ralphs	Full
A2	B	35856	Ralphs	Half
A2	B	28652	Ralphs	Half
A2	B	25156	Ralphs	RTC
A3	B	28427	Ralphs	RTC
A3	B	28712	Ralphs	RTC
A3	B	28685	Ralphs	RTC
A4	GC	450	S. Oil	
A4	GC	722	S. Oil	
D3	RR	257258	TB	Cleaning
D4				
E1	GC	349	OIL Heat	
E1	B	35854	OIL Heat	
H1				
H1				
H1				
H2				
E3	RR	254316	TB	Half - RTE
E3	RR	254455	TB	Half - RTE
E3	RR	252203	TB	Half - RTE
F3	RR	251750	TB	Half - RTE
F3	RR	251262	TB	Half - RTE
F3	RR	253417	TB	Half - RTE
G3	RR	253253	OPWW	Up/Down
G3	RR	255587	OPWW	Up/Down
I3	RR	239605	OPWW	Up/Down
I3	RR	278806	OPWW	Up/Down
I4	RR	254051	OPWW	Up/Down
I4	RR	252250	OPWW	Up/Down
L5	B	35846	TB	Full
L5	B	25634	TB	Full
L2	GC	430	DM	1/4-RTE
L2	GC	456	DM	1/4-RTE
L3	GC	311	DM	1/4-RTE

Zone Owner Number Waste Level

F9	RR	256928	DM	Up/Down
F9	GC	376	DM	Up/Down
F9	GC	1380	DM	Up/Down

C13	B	26384	DM/OP	1/4-RTE
C13	GC	325	DM/OP	1/4-RTE
D13	GC	701	OB DM	1/4-RTE
D13	GC	472	OB DM	1/4-RTE
D13	GC	315	OB DM	1/4-RTE
E13	GC	716	DM/OP	1/4-RTE
E13	GC	383	DM/OP	1/4-RTE
H13				
H13				
H14				
I13				
I13				
I14				

guzzling

DATE 17-NovTIME 700amOPERATOR Chuck

Zone Owner Number Waste Level

F15				
F15	A	5452	DM	RTE
F16	A	3707	DM	RTE
F16	A	9011	DM	RTE

C17	RR	254752	Dom	RTC
C17	RR	256925	Dom	RTC
C18	B	4079	Dom	RTC
C18	B	26801	Dom	RTC
C18	GC	475	Dom	RTC
C19	GC	465	Dom	RTC
C19	GC	459	Dom	RTC
C19	B	328	Dom	RTC
C20	RR	6395	Dom	RTC
E17	RR	253404	Dom	Full
E17	RR	251526	Dom	Full
E17	B	25610	Ralphs	Full
E18	B	28274	Ralphs	Half-RTE
E18	B	345	Dom	RTC
E18	A	5922	Dom	RTC
E19	B	413	Dom	RTC
E19	B	378	Dom	RTC
E19	B	420	Dom	RTC
E20	B	415	Dom	RTC

H19	A	24603	TB	Full
H19	A	322450	TB	Full
I19	A	36374	TB	Full
I19	A	36811	TB	Full
I19	A	37248	TB	Full
J19	A	23521	TB	Full
J19	A	26381	TB	Full
J19	A	27272	TB	Full
J18	RR	25627	TB	Full
J18	B	28465	TB	Full
L18	B	265164	TB	Full
L18	B	25123	TB	1/4-RTE
L18	B	35847	TB	1/4-RTE
M18	B	35792	TB	1/4-RTE
M18	B	35850	TB	1/4-RTE
M18	B	28672	TB	1/4-RTE
L19	RR	257244	TB	RTC
L19	B	33880	TB	1/4-RTE
L19	B	35849	TB	1/4-RTE
M19	B	35848	TB	1/4-RTE
M19	B	35853	TB	1/4-RTE
M19	B	35851	TB	1/4-RTE
N17	B	25683	TB	1/4-RTE
N17	A	3636	TB	Cleaning
N15	A	2111	TB	Cleaning
F20	A	5114	TB	Full
F20	A	6054	TB	Full
F20	A	5076	TB	Full
G20	A	5136	TB	Full
G20	A	3634	TB	Full
I20	A	1468	TB	Full
K20	A	5827	TB	Full
M20	A	9003	TB	Full

**Attachment C:**

**Visual Assessment Tank Contents  
Summary Table, Field Notes and  
Photos**

Tank Contents From Visual Assessment<sup>1</sup>

Tank ID	Date/Time	Contents From Original Manifest	Observed Tank Contents	Percent Full	Exterior Impacted
722	12/13/2014 11:28	Owner GC; orig. inv. S. Oil -	Digestive Sludge	10	No
35856	12/13/2014 11:16	Owner B; orig. inv. Ralphs - Half	Digestive Sludge	50	No
254455	12/13/2014 11:37	Owner RR; orig. inv. TB - Half-RTE	Tank Bottoms	50	No
29712	12/13/2014 11:24	Owner B; orig. inv. Ralphs - RTC	Digestive Sludge	10	No
256926	12/13/2014 11:43	Owner RR; orig. inv. Dom - RTC	Tank Bottoms	70	No
254316	12/13/2014 11:35	Owner RR; orig. inv. TB - Half-RTE	Tank Bottoms	50	No
28665	12/13/2014 11:26	Owner B; orig. inv. Rlaphs - RTC	Digestive Sludge	NA	No
28427	12/13/2014 11:23	Owner B; orig. inv. Ralphs - RTC	Digestive Sludge	30	No
251262	12/13/2014 11:40	Owner RR; orig. inv. TB - Half-RTE	Tank Bottoms	80	No
28652	12/13/2014 11:20	Owner B; orig. inv. Ralphs - Half	Digestive Sludge	50	No
413	12/13/2014 15:50	NA	NA	NA	NA
FT095	12/13/2014 14:37	NA	Drilling Mud	60	No
254051	12/13/2014 14:17	Owner RR; orig. inv. OPWW - Up/Down	Tank Bottoms	70	No
35850	12/13/2014 16:05	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	30	No
459	12/13/2014 15:37	Owner GC; orig. inv. Dom - RTC	Domestic Sewage	10	No
256925	12/13/2014 15:23	Owner RR; orig. inv. Dom - RTC	Drilling Mud	40	No
238806	12/13/2014 14:14	NA	Tank Bottoms	70	No
253253	12/13/2014 14:01	Owner RR; orig. inv. OPWW - Up/Down	Tank Bottoms	90	No
328	12/13/2014 15:39	Owner B; orig. inv. Dom - RTC	Domestic Sewage	10	No
24079	12/13/2014 15:27	NA	Drilling Mud	30	No
35853	12/13/2014 16:14	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	30	No
26395	12/13/2014 15:42	NA	Domestic Sewage	10	No
239609	12/13/2014 14:11	NA	Tank Bottoms	70	No
35851	12/13/2014 16:12	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	30	No
255587	12/13/2014 14:08	Owner RR; orig. inv. OPWW - Up/Down	Tank Bottoms	NA	No
256928	12/13/2014 15:12	Owner RR; orig. inv. DM - Up/Down	Drilling Mud	10	No
475	12/13/2014 15:32	Owner GC; orig. inv. Dom - RTC	Domestic Sewage	30	No
28672	12/13/2014 16:07	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	20	No
FT198	12/13/2014 14:38	NA	Drilling Mud	50	No
252250	12/13/2014 14:18	Owner RR; orig. inv. OPWW - Up/Down	Tank Bottoms	60	No
26810	12/13/2014 15:30	NA	Drilling Mud	10	No
254752	12/13/2014 15:21	Owner RR; orig. inv. Dom - RTC	Drilling Mud	20	No
FT098	12/13/2014 14:36	NA	NA	100	No
25123	12/13/2014 15:57	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	40	No
35792	12/13/2014 16:03	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	30	No
430	12/13/2014 14:26	Owner GC; orig. inv. DM - 1/4-RTE	Drilling Mud	50	No
465	12/13/2014 15:35	Owner GC; orig. inv. Dom - RTC	Domestic Sewage	30	No

<sup>1</sup>Tank contents tentatively identified from visual assessment by field personnel

Tank Contents From Visual Assessment (continued)<sup>1</sup>

Tank ID	Date/Time	Contents From Original Manifest	Observed Tank Contents	Percent Full	Exterior Impacted
FT186	12/13/2014 14:34	NA	Drilling Mud	80	No
FT128	12/13/2014 14:37	NA	Drilling Mud	70	No
35847	12/13/2014 16:01	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	50	No
383	12/13/2014 15:17	NA	Drilling Mud	30	No
376	12/13/2014 15:16	Owner GC; orig. inv. DM - Up/Down	Drilling Mud	10	No
456	12/13/2014 14:21	Owner GC; orig. inv. DM - 1/4-RTE	Tank Bottoms	100	No
265164	12/13/2014 15:55	Owner B; orig. inv. TB - Full	Tank Bottoms	90	No
378	12/13/2014 15:49	Owner B; orig. inv. Dom - RTC	Domestic Sewage	NA	NA
415	12/13/2014 15:48	Owner B; orig. inv. Dom - RTC	Domestic Sewage	NA	NA
311	12/13/2014 14:25	Owner GC; orig. inv. DM - 1/4-RTE	Drilling Mud	100	No
28274	12/13/2014 15:52	NA	Drilling Mud	30	Impacted
25683	12/13/2014 16:15	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	0	No
25634	12/13/2014 14:29	NA	Oil	90	No
420	12/13/2014 15:49	Owner B; orig. inv. Dom - RTC	Domestic Sewage	NA	NA
257244	12/13/2014 15:59	Owner RR; orig. inv. TB - RTC	Tank Bottoms	10	No
3636	12/13/2014 16:13	Owner A; orig. inv. TB - Cleaning	Empty	0	No
35848	12/13/2014 16:09	Owner B; orig. inv. TB - 1/4-RTE	Tank Bottoms	20	No
33880	12/13/2014 16:02	Owner B; orig. inv. TB - 1/4-RTE	Drilling mud	40	No
35849	12/13/2014 16:05	Owner B; orig. inv. TB - 1/4-RTE	Drilling Mud	10	NA
27248	12/14/2014 09:38	NA	Tank Bottoms	90	No
251526	12/14/2014 10:03	Owner RR; orig. inv. Dom - Full	Domestic Sewage	50	No
5076	12/14/2014 09:57	Owner A; orig. inv. TB - Full	Oil	90	No
25627	12/14/2014 09:35	Owner RR; orig. inv. TB - Full	Tank Bottoms	30	No
3707	12/14/2014 10:10	Owner A; orig. inv. DM - RTE	Drilling Mud	30	No
24079	12/14/2014 10:01	NA	Oil	60	No
9011	12/14/2014 10:08	Owner A; orig. inv. DM - RTE	Drilling Mud	10	No
9003	12/14/2014 09:18	Owner A; orig. inv. TB - Full	Tank Bottoms	NA	No
5136	12/14/2014 09:48	Owner A; orig. inv. TB - Full	Tank Bottoms	100	No
3634	12/14/2014 09:47	Owner A; orig. inv. TB - Full	Oil	90	No
26374	12/14/2014 09:41	NA	Tank Bottoms	100	No
27272	12/14/2014 09:27	Owner A; orig. inv. TB - Full	Tank Bottoms	80	NA
26381	12/14/2014 09:22	Owner A; orig. inv. TB - Full	Tank Bottoms	60	No
253404	12/14/2014 10:06	Owner RR; orig. inv. Dom - Full	Domestic Sewage	100	No
315	12/14/2014 10:13	Owner GC; orig. inv. OB DM - 1/4-RTE	Drilling Mud	10	No
5114	12/14/2014 09:55	Owner A; orig. inv. TB - Full	Oil	100	No
3224	12/14/2014 09:50	NA	Oil	90	No
5827	12/14/2014 09:20	Owner A; orig. inv. TB - Full	Tank Bottoms	100	NA

<sup>1</sup>Tank contents tentatively identified from visual assessment by field personnel

Tank Contents From Visual Assessment (continued)<sup>1</sup>

Tank ID	Date/Time	Contents From Original Manifest	Observed Tank Contents	Percent Full	Exterior Impacted
23521	12/14/2014 09:24	Owner A; orig. inv. TB - Full	Tank Bottoms	90	No
28465	12/14/2014 09:35	Owner B; orig. inv. TB - Full	Tank Bottoms	70	No
26811	12/14/2014 09:39	NA	Tank Bottoms	100	No
1468	12/14/2014 09:44	Owner A; orig. inv. TB - Full	Oil	90	No
2463	12/14/2014 09:49	NA	Oil	100	No
6054	12/14/2014 09:54	Owner A; orig. inv. TB - Full	Tank Bottoms	90	No
5922	12/14/2014 10:00	Owner A; orig. inv. Dom - RTC	Domestic Sewage	30	No
25610	12/14/2014 10:04	Owner B; orig. inv. Ralphs - Full	Drilling Mud	100	No
716	12/14/2014 10:13	Owner GC; orig. inv. DM/OP - 1/4-RTE	Drilling Mud	30	No
5452	12/14/2014 10:08	Owner A; orig. inv. DM - RTE	Drilling Mud	50	NA
252146	12/14/2014 11:01	Owner RR; orig. inv. OIL -	Oil	10	No
35845	12/14/2014 11:05	NA	Oil	80	No
701	12/14/2014 10:48	Owner GC; orig. inv. OB DM - 1/4-RTE	Drilling Mud	10	No
251750	12/14/2014 11:12	Owner RR; orig. inv. TB - Half-RTE	Oil	20	No
383	12/14/2014 10:46	Owner GC; orig. inv. DM/OP - 1/4-RTE	Drilling Mud	10	No
253194	12/14/2014 10:59	NA	Tank Bottoms	80	No
450	12/14/2014 10:54	Owner GC; orig. inv. S. Oil -	Oil	70	No
FT001	12/14/2014 11:25	NA	Tank Bottoms	90	No
26384	12/14/2014 10:50	Owner B; orig. inv. DM/OP - 1/4-RTE	Drilling Mud	0	No
PT022	12/14/2014 14:15	NA	Dom	100	No
PT010	12/14/2014 14:27	NA	Dom	10	No
PT033	12/14/2014 14:18	NA	Dom	100	No
PT020	12/14/2014 14:33	NA	Dom	70	No
PT008	12/14/2014 14:42	NA	Dom	50	No
PT021	12/14/2014 14:37	NA	Dom	60	No
PT009	12/14/2014 14:30	NA	Dom	50	No
PT011	12/14/2014 14:12	NA	Dom	100	No
472	12/14/2014 10:46	Owner GC; orig. inv. OB DM - 1/4-RTE	Drilling Mud	10	No
325	12/14/2014 10:50	Owner GC; orig. inv. DM/OP - 1/4-RTE	Drilling Mud	10	No
25156	12/14/2014 10:54	Owner B; orig. inv. Ralphs - RTC	Digestive Sludge	100	NA
256093	12/14/2014 10:59	Owner RR; orig. inv. Ralphs - Full	Digestive Sludge	90	No
349	12/14/2014 11:05	Owner GC; orig. inv. OIL Heat -	Oil	60	No
252203	12/14/2014 11:10	Owner RR; orig. inv. TB - Half-RTE	Oil	50	No
253417	12/14/2014 11:13	Owner RR; orig. inv. TB - Half-RTE	Oil	80	No
35846	12/14/2014 11:21	Owner B; orig. inv. TB - Full	Oil	100	No
FT002	12/14/2014 11:25	NA	Tank Bottoms	100	No

<sup>1</sup>Tank contents tentatively identified from visual assessment by field personnel

# 106846 - MISSION INCIDENT Site Activities - Tank Visual Assessment

**ID:** 126472

**GPS:** 34.31398, -119.10405

**Date:** 2014/12/13 11:16

**Location Description:**

**Observation Type:** Tank

**Primary Identifier:** 35856

**Observation Subtype:** Frac Tank

**Secondary Identifier:** Owner B; orig. inv. Ralphs - Half

**Comments:**



**ID:** 126480

**GPS:** 34.314, -119.10406

**Date:** 2014/12/13 11:20

**Location Description:**

**Observation Type:** Tank

**Primary Identifier:** 28652

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126478

**GPS:** 34.31404, -119.1041

**Date:** 2014/12/13 11:23

**Location Description:**

**Observation Type:** Tank

**Primary Identifier:** 28427

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126474

**Date:** 2014/12/13 11:24

**Primary Identifier:** 29712

**Secondary Identifier:** Owner B; orig. inv. Ralphs - RTC

**Comments:** 29712

**GPS:** 34.31406, -119.10413

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank



**ID:** 126477

**Date:** 2014/12/13 11:26

**Primary Identifier:** 28665

**Secondary Identifier:** Owner B; orig. inv. Rlaphs - RTC

**Comments:** Frac 28665

**GPS:** 34.31408, -119.10414

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank



**ID:** 126471

**Date:** 2014/12/13 11:28

**Primary Identifier:** 722

**Secondary Identifier:** Owner GC; orig. inv. S. Oil -

**GPS:** 34.3141, -119.10416

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:** Tank looks clean; pipe in tank shows possible contents from Ralph's



**ID:** 126476

**Date:** 2014/12/13 11:35

**Primary Identifier:** 254316

**Secondary Identifier:** Owner RR; orig. inv. TB - Half-RTE **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126473

**Date:** 2014/12/13 11:37

**Primary Identifier:** 254455

**Secondary Identifier:** Owner RR; orig. inv. TB - Half-RTE **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126479

**Date:** 2014/12/13 11:40

**Primary Identifier:** 251262

**Secondary Identifier:** Owner RR; orig. inv. TB - Half-RTE **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31418, -119.10387

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**ID:** 126475

**Date:** 2014/12/13 11:43

**Primary Identifier:** 256926

**Secondary Identifier:** Owner RR; orig. inv. Dom - RTC

**GPS:** 34.31424, -119.10371

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126490

**Date:** 2014/12/13 14:01

**Primary Identifier:** 253253

**Secondary Identifier:** Owner RR; orig. inv. OPWW - Up/Down

**GPS:** 34.31429, -119.10363

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126497

**Date:** 2014/12/13 14:08

**Primary Identifier:** 255587

**Secondary Identifier:** Owner RR; orig. inv. OPWW - Up/Down

**GPS:** 34.31431, -119.10365

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126495

**GPS:** 34.31437, -119.10356

**Date:** 2014/12/13 14:11

**Location Description:**

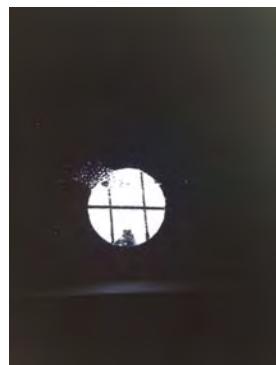
**Primary Identifier:** 239609

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126489

**GPS:** 34.31439, -119.10353

**Date:** 2014/12/13 14:14

**Location Description:**

**Primary Identifier:** 238806

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126485

**GPS:** 34.3144, -119.1035

**Date:** 2014/12/13 14:17

**Location Description:**

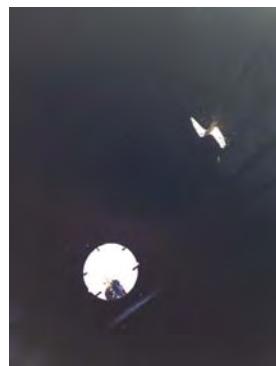
**Primary Identifier:** 254051

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. OPWW - Up/Down

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126502

**Date:** 2014/12/13 14:18

**Primary Identifier:** 252250

**Secondary Identifier:** Owner RR; orig. inv. OPWW - Up/Down

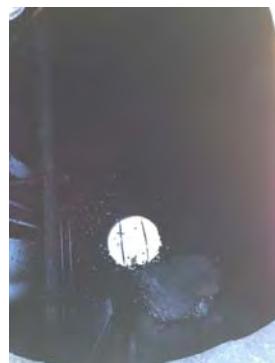
**GPS:** 34.31441, -119.10348

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126515

**Date:** 2014/12/13 14:21

**Primary Identifier:** 456

**Secondary Identifier:** Owner GC; orig. inv. DM - 1/4-RTE

**GPS:** 34.31437, -119.10329

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126519

**Date:** 2014/12/13 14:25

**Primary Identifier:** 311

**Secondary Identifier:** Owner GC; orig. inv. DM - 1/4-RTE

**GPS:** 34.31434, -119.10327

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126508

**GPS:** 34.31439, -119.1033

**Date:** 2014/12/13 14:26

**Location Description:**

**Observation Type:** Tank

**Primary Identifier:** 430

**Secondary Identifier:** Owner GC; orig. inv. DM - 1/4-RTE **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126522

**GPS:** 34.31447, -119.10337

**Date:** 2014/12/13 14:29

**Location Description:**

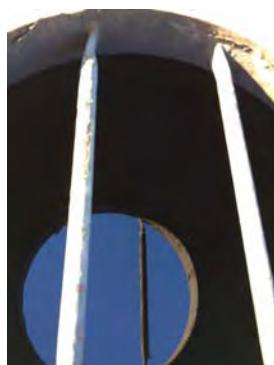
**Primary Identifier:** 25634

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126510

**GPS:** 34.31451, -119.10357

**Date:** 2014/12/13 14:34

**Location Description:**

**Primary Identifier:** FT186

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 186



**ID:** 126505

**GPS:** 34.3145, -119.10359

**Date:** 2014/12/13 14:36

**Location Description:**

**Primary Identifier:** FT098

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 98



**ID:** 126511

**GPS:** 34.31449, -119.10361

**Date:** 2014/12/13 14:37

**Location Description:**

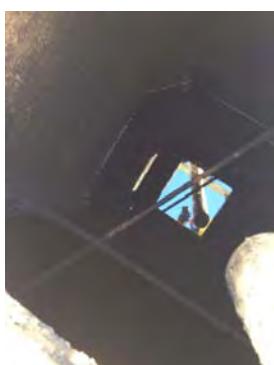
**Primary Identifier:** FT128

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 128



**ID:** 126484

**GPS:** 34.31448, -119.10364

**Date:** 2014/12/13 14:37

**Location Description:**

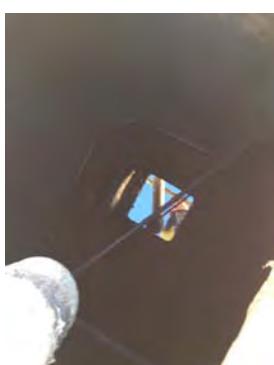
**Primary Identifier:** FT095

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 95



**ID:** 126501

**GPS:** 34.31446, -119.10366

**Date:** 2014/12/13 14:38

**Location Description:**

**Primary Identifier:** FT198

**Observation Type:** Tank

**Secondary Identifier:** Oil based drill mud

**Observation Subtype:** Frac Tank

**Comments:** 198



**ID:** 126498

**GPS:** 34.31459, -119.10403

**Date:** 2014/12/13 15:12

**Location Description:**

**Primary Identifier:** 256928

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. DM - Up/Down

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126514

**GPS:** 34.31462, -119.10404

**Date:** 2014/12/13 15:16

**Location Description:**

**Primary Identifier:** 376

**Observation Type:** Tank

**Secondary Identifier:** Owner GC; orig. inv. DM - Up/Down

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126513

**GPS:**

**Date:** 2014/12/13 15:17

**Location Description:**

**Primary Identifier:** 383

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126504

**GPS:** 34.31499, -119.10455

**Date:** 2014/12/13 15:21

**Location Description:**

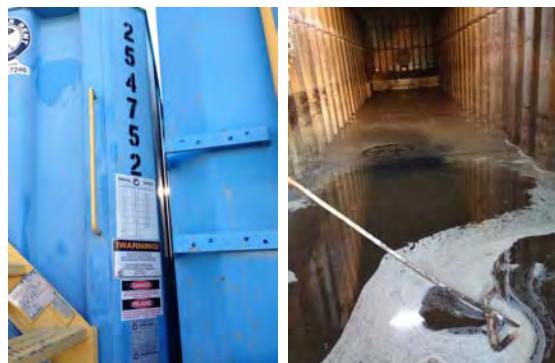
**Primary Identifier:** 254752

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. Dom - RTC

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126488

**GPS:** 34.31502, -119.10457

**Date:** 2014/12/13 15:23

**Location Description:**

**Primary Identifier:** 256925

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. Dom - RTC

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126492

**GPS:** 34.31504, -119.10458

**Date:** 2014/12/13 15:27

**Location Description:**

**Primary Identifier:** 24079

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 24079



**ID:** 126503

**GPS:** 34.31506, -119.1046

**Date:** 2014/12/13 15:30

**Location Description:**

**Primary Identifier:** 26810

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 26810



**ID:** 126499

**GPS:** 34.31508, -119.10462

**Date:** 2014/12/13 15:32

**Location Description:**

**Primary Identifier:** 475

**Observation Type:** Tank

**Secondary Identifier:** Owner GC; orig. inv. Dom - RTC

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126509

**Date:** 2014/12/13 15:35

**Primary Identifier:** 465

**Secondary Identifier:** Owner GC; orig. inv. Dom - RTC

**GPS:** 34.3151, -119.10464

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126487

**Date:** 2014/12/13 15:37

**Primary Identifier:** 459

**Secondary Identifier:** Owner GC; orig. inv. Dom - RTC

**GPS:** 34.31512, -119.10469

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126491

**Date:** 2014/12/13 15:39

**Primary Identifier:** 328

**Secondary Identifier:** Owner B; orig. inv. Dom - RTC

**GPS:** 34.31514, -119.10471

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126494

**GPS:** 34.31517, -119.10475

**Date:** 2014/12/13 15:42

**Location Description:**

**Primary Identifier:** 26395

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126518

**GPS:** 34.31526, -119.10448

**Date:** 2014/12/13 15:48

**Location Description:**

**Primary Identifier:** 415

**Observation Type:** Tank

**Secondary Identifier:** Owner B; orig. inv. Dom - RTC

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126523

**GPS:** 34.31524, -119.10445

**Date:** 2014/12/13 15:49

**Location Description:**

**Primary Identifier:** 420

**Observation Type:** Tank

**Secondary Identifier:** Owner B; orig. inv. Dom - RTC

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126517

**Date:** 2014/12/13 15:49

**Primary Identifier:** 378

**Secondary Identifier:** Owner B; orig. inv. Dom - RTC

**GPS:** 34.31522, -119.10444

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126483

**Date:** 2014/12/13 15:50

**GPS:** 34.31521, -119.10442

**Location Description:**

**Primary Identifier:** FTSCB413

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126520

**Date:** 2014/12/13 15:52

**GPS:** 34.31512, -119.10432

**Location Description:**

**Primary Identifier:** 28274

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** Possibly drilling mud



**ID:** 126516

**GPS:** 34.31554, -119.10402

**Date:** 2014/12/13 15:55

**Location Description:**

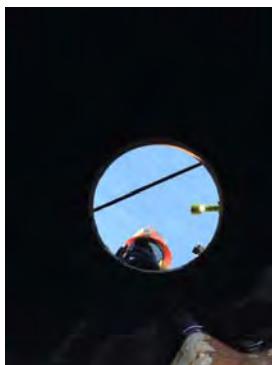
**Primary Identifier:** 265164

**Observation Type:** Tank

**Secondary Identifier:** Owner B; orig. inv. TB - Full

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126506

**GPS:** 34.31557, -119.104

**Date:** 2014/12/13 15:57

**Location Description:**

**Primary Identifier:** 25123

**Observation Type:** Tank

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126524

**GPS:** 34.31543, -119.10392

**Date:** 2014/12/13 15:59

**Location Description:**

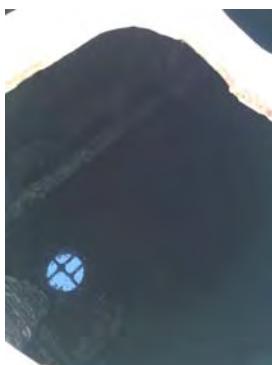
**Primary Identifier:** 257244

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. TB - RTC

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126512

**Date:** 2014/12/13 16:01

**Primary Identifier:** 35847

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.31558, -119.10397

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126527

**Date:** 2014/12/13 16:02

**Primary Identifier:** 33880

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.31545, -119.10389

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126507

**Date:** 2014/12/13 16:03

**Primary Identifier:** 35792

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.3156, -119.10395

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126486

**Date:** 2014/12/13 16:05

**Primary Identifier:** 35850

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.31562, -119.10393

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126528

**Date:** 2014/12/13 16:05

**Primary Identifier:** 35849

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.31547, -119.10387

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126500

**Date:** 2014/12/13 16:07

**Primary Identifier:** 28672

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.31563, -119.1039

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126526

**Date:** 2014/12/13 16:09

**Primary Identifier:** 35848

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

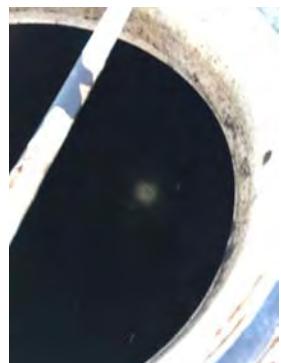
**Comments:**

**GPS:** 34.31549, -119.10384

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank



**ID:** 126496

**Date:** 2014/12/13 16:12

**Primary Identifier:** 35851

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**Comments:**

**GPS:** 34.31552, -119.10379

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank



**ID:** 126525

**Date:** 2014/12/13 16:13

**Primary Identifier:** 3636

**Secondary Identifier:** Owner A; orig. inv. TB - Cleaning

**Comments:**

**GPS:** 34.3154, -119.10365

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank



**ID:** 126493

**Date:** 2014/12/13 16:14

**Primary Identifier:** 35853

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.3155, -119.10381

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126521

**Date:** 2014/12/13 16:15

**Primary Identifier:** 25683

**Secondary Identifier:** Owner B; orig. inv. TB - 1/4-RTE

**GPS:** 34.31539, -119.1037

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126549

**Date:** 2014/12/14 09:18

**Primary Identifier:** 9003

**Secondary Identifier:** Owner A; orig. inv. TB - Full

**GPS:** 34.31569, -119.10397

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126559

**GPS:** 34.31561, -119.1041

**Date:** 2014/12/14 09:20

**Location Description:**

**Primary Identifier:** 5827

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126554

**GPS:** 34.31551, -119.10411

**Date:** 2014/12/14 09:22

**Location Description:**

**Primary Identifier:** 26381

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126560

**GPS:** 34.31553, -119.10413

**Date:** 2014/12/14 09:24

**Location Description:**

**Primary Identifier:** 23521

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126553

**GPS:** 34.31548, -119.1041

**Date:** 2014/12/14 09:27

**Location Description:**

**Primary Identifier:** 27272

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126545

**GPS:** 34.31546, -119.10407

**Date:** 2014/12/14 09:35

**Location Description:**

**Primary Identifier:** 25627

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. TB - Full **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126561

**GPS:** 34.31544, -119.10406

**Date:** 2014/12/14 09:35

**Location Description:**

**Primary Identifier:** 28465

**Observation Type:** Tank

**Secondary Identifier:** Owner B; orig. inv. TB - Full **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126542

**GPS:** 34.31542, -119.10416

**Date:** 2014/12/14 09:38

**Location Description:**

**Primary Identifier:** 27248

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 27248



**ID:** 126562

**GPS:** 34.3154, -119.10419

**Date:** 2014/12/14 09:39

**Location Description:**

**Primary Identifier:** 26811

**Observation Type:** Tank

**Secondary Identifier:** TB

**Observation Subtype:** Frac Tank

**Comments:** SV26811



**ID:** 126552

**GPS:** 34.31538, -119.10422

**Date:** 2014/12/14 09:41

**Location Description:**

**Primary Identifier:** 26374

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 26374



**ID:** 126563

**GPS:** 34.31552, -119.10422

**Date:** 2014/12/14 09:44

**Location Description:**

**Primary Identifier:** 1468

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126551

**GPS:** 34.31547, -119.10432

**Date:** 2014/12/14 09:47

**Location Description:**

**Primary Identifier:** 3634

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126550

**GPS:** 34.31542, -119.10432

**Date:** 2014/12/14 09:48

**Location Description:**

**Primary Identifier:** 5136

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126564

**GPS:** 34.31532, -119.10429

**Date:** 2014/12/14 09:49

**Location Description:**

**Primary Identifier:** 2463

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** A2463



**ID:** 126558

**GPS:** 34.31535, -119.10427

**Date:** 2014/12/14 09:50

**Location Description:**

**Primary Identifier:** 3224

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** 3224



**ID:** 126565

**GPS:** 34.31536, -119.10447

**Date:** 2014/12/14 09:54

**Location Description:**

**Primary Identifier:** 6054

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. TB - Full

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126557

**Date:** 2014/12/14 09:55

**Primary Identifier:** 5114

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31533, -119.10445

**Location Description:**

**Observation Type:** Tank

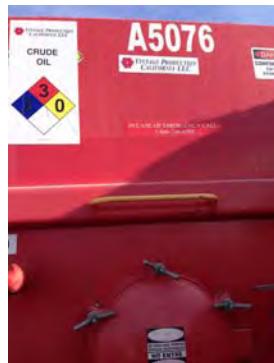
**ID:** 126544

**Date:** 2014/12/14 09:57

**Primary Identifier:** 5076

**Secondary Identifier:** Owner A; orig. inv. TB - Full    **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31541, -119.10445

**Location Description:**

**Observation Type:** Tank

**ID:** 126566

**Date:** 2014/12/14 10:00

**Primary Identifier:** 5922

**Secondary Identifier:** Owner A; orig. inv. Dom - RTC    **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31519, -119.10439

**Location Description:**

**Observation Type:** Tank

**ID:** 126543

**Date:** 2014/12/14 10:03

**Primary Identifier:** 251526

**Secondary Identifier:** Owner RR; orig. inv. Dom - Full

**GPS:** 34.3151, -119.1043

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126567

**Date:** 2014/12/14 10:04

**Primary Identifier:** 25610

**Secondary Identifier:** Owner B; orig. inv. Ralphs - Full

**GPS:** 34.31514, -119.10435

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126555

**Date:** 2014/12/14 10:06

**Primary Identifier:** 253404

**Secondary Identifier:** Owner RR; orig. inv. Dom - Full

**GPS:** 34.31508, -119.10429

**Location Description:**

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126569

**GPS:** 34.31497, -119.10425

**Date:** 2014/12/14 10:08

**Location Description:**

**Primary Identifier:** 5452

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. DM - RTE

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126548

**GPS:** 34.315, -119.1042

**Date:** 2014/12/14 10:08

**Location Description:**

**Primary Identifier:** 9011

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. DM - RTE

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126546

**GPS:** 34.31499, -119.10423

**Date:** 2014/12/14 10:10

**Location Description:**

**Primary Identifier:** 3707

**Observation Type:** Tank

**Secondary Identifier:** Owner A; orig. inv. DM - RTE

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126568

**GPS:** 34.31477, -119.10424

**Date:** 2014/12/14 10:13

**Primary Identifier:** 716

**Location Description:**

**Secondary Identifier:** Owner GC; orig. inv. DM/OP - 1/4-RTE **Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126556

**GPS:** 34.31476, -119.10426

**Date:** 2014/12/14 10:13

**Location Description:**

**Primary Identifier:** 315

**Observation Type:** Tank

**Secondary Identifier:** Owner GC; orig. inv. OB DM - 1/4-RTE **Observation Subtype:** Frac Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126579

**GPS:**

**Date:** 2014/12/14 10:46

**Location Description:**

**Primary Identifier:** 383

**Observation Type:** Tank

**Secondary Identifier:** Owner GC; orig. inv. DM/OP - 1/4-RTE **Observation Subtype:** Frac Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126601

**GPS:** 34.31474, -119.10429

**Date:** 2014/12/14 10:46

**Primary Identifier:** 472

**Location Description:**

**Secondary Identifier:** Owner GC; orig. inv. OB DM - 1/4-RTE

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126577

**GPS:** 34.31473, -119.10432

**Date:** 2014/12/14 10:48

**Primary Identifier:** 701

**Location Description:**

**Secondary Identifier:** Owner GC; orig. inv. OB DM - 1/4-RTE

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126602

**GPS:** 34.31471, -119.10434

**Date:** 2014/12/14 10:50

**Primary Identifier:** 325

**Location Description:**

**Secondary Identifier:** Owner GC; orig. inv. DM/OP - 1/4-RTE

**Observation Type:** Tank

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126583

**Date:** 2014/12/14 10:50

**Primary Identifier:** 26384

**Secondary Identifier:** Owner B; orig. inv. DM/OP - 1/4-RTE **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31469, -119.10436

**Location Description:**

**Observation Type:** Tank

**ID:** 126603

**Date:** 2014/12/14 10:54

**Primary Identifier:** 25156

**Secondary Identifier:** Owner B; orig. inv. Ralphs - RTC **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31401, -119.10409

**Location Description:**

**Observation Type:** Tank

**ID:** 126581

**Date:** 2014/12/14 10:54

**Primary Identifier:** 450

**Secondary Identifier:** Owner GC; orig. inv. S. Oil - **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31413, -119.10418

**Location Description:**

**Observation Type:** Tank

**ID:** 126604

**GPS:** 34.31398, -119.104

**Date:** 2014/12/14 10:59

**Location Description:**

**Observation Type:** Tank

**Primary Identifier:** 256093

**Secondary Identifier:** Owner RR; orig. inv. Ralphs - Full **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126580

**GPS:** 34.31394, -119.10401

**Date:** 2014/12/14 10:59

**Location Description:**

**Primary Identifier:** 253194

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126575

**GPS:** 34.31392, -119.10399

**Date:** 2014/12/14 11:01

**Location Description:**

**Primary Identifier:** 252146

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. OIL - **Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126605

**GPS:** 34.31411, -119.1036

**Date:** 2014/12/14 11:05

**Location Description:**

**Observation Type:** Tank

**Primary Identifier:** 349

**Observation Subtype:** Frac Tank

**Secondary Identifier:** Owner GC; orig. inv. OIL Heat -

**Comments:**



**ID:** 126576

**GPS:** 34.31408, -119.10358

**Date:** 2014/12/14 11:05

**Location Description:**

**Primary Identifier:** 35845

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126606

**GPS:** 34.31421, -119.10382

**Date:** 2014/12/14 11:10

**Location Description:**

**Primary Identifier:** 252203

**Observation Type:** Tank

**Secondary Identifier:** Owner RR; orig. inv. TB - Half-RTE

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126578

**Date:** 2014/12/14 11:12

**Primary Identifier:** 251750

**Secondary Identifier:** Owner RR; orig. inv. TB - Half-RTE **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31421, -119.10379

**Location Description:**

**Observation Type:** Tank

**ID:** 126607

**Date:** 2014/12/14 11:13

**Primary Identifier:** 253417

**Secondary Identifier:** Owner RR; orig. inv. TB - Half-RTE **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31424, -119.10374

**Location Description:**

**Observation Type:** Tank

**ID:** 126608

**Date:** 2014/12/14 11:21

**Primary Identifier:** 35846

**Secondary Identifier:** Owner B; orig. inv. TB - Full **Observation Subtype:** Frac Tank

**Comments:**



**GPS:** 34.31445, -119.10338

**Location Description:**

**Observation Type:** Tank

**ID:** 126609

**GPS:** 34.31436, -119.1039

**Date:** 2014/12/14 11:25

**Location Description:**

**Primary Identifier:** FT002

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** Tank no. 2



**ID:** 126582

**GPS:** 34.31437, -119.10387

**Date:** 2014/12/14 11:25

**Location Description:**

**Primary Identifier:** FT001

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:**



**ID:** 126599

**GPS:** 34.3152, -119.10358

**Date:** 2014/12/14 14:12

**Location Description:**

**Primary Identifier:** PT011

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT011



**ID:** 126592

**GPS:** 34.31519, -119.10361

**Date:** 2014/12/14 14:15

**Location Description:**

**Primary Identifier:** PT022

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT022



**ID:** 126594

**GPS:** 34.31516, -119.10365

**Date:** 2014/12/14 14:18

**Location Description:**

**Primary Identifier:** PT033

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT033



**ID:** 126593

**GPS:** 34.31524, -119.10361

**Date:** 2014/12/14 14:27

**Location Description:**

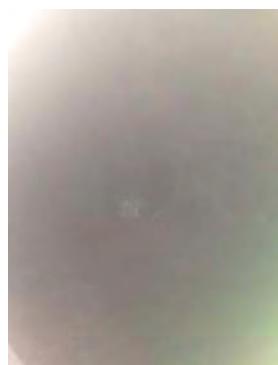
**Primary Identifier:** PT010

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT010



**ID:** 126598

**GPS:** 34.31526, -119.10363

**Date:** 2014/12/14 14:30

**Location Description:**

**Primary Identifier:** PT009

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT009



**ID:** 126595

**GPS:** 34.31524, -119.10367

**Date:** 2014/12/14 14:33

**Location Description:**

**Primary Identifier:** PT020

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT020



**ID:** 126597

**GPS:** 34.31522, -119.10365

**Date:** 2014/12/14 14:37

**Location Description:**

**Primary Identifier:** PT021

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT021



**ID:** 126596

**GPS:** 34.31528, -119.10365

**Date:** 2014/12/14 14:42

**Location Description:**

**Primary Identifier:** PT008

**Observation Type:** Tank

**Secondary Identifier:**

**Observation Subtype:** Poly Tank

**Comments:** PT008



**ID:** 127761

**GPS:** 34.32111, -119.11096

**Date:** 2015/01/08 09:10

**Location Description:** Sector E3

**Primary Identifier:** 253176

**Observation Type:** Survey

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** Filled with rain water pumped from Site. Warning sign for hydrogen sulfide gas present on tank



**ID:** 127760

**GPS:** 34.31445, -119.1032

**Date:** 2015/01/08 09:16

**Location Description:** Sector E3

**Primary Identifier:** 253155

**Observation Type:** Survey

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** Filled with rain water pumped from Site.



**ID:** 127759

**GPS:** 34.31449, -119.10317

**Date:** 2015/01/08 09:18

**Location Description:** Sector E3

**Primary Identifier:** 251138

**Observation Type:** Survey

**Secondary Identifier:**

**Observation Subtype:** Frac Tank

**Comments:** Filled with rain water pumped from Site. Warning sign for hydrogen sulfide gas present on tank



**ID:** 127758

**GPS:** 34.3145, -119.10319

**Date:** 2015/01/08 09:20

**Location Description:** Sector E3

**Primary Identifier:** 251279

**Observation Type:** Survey

**Secondary Identifier:**

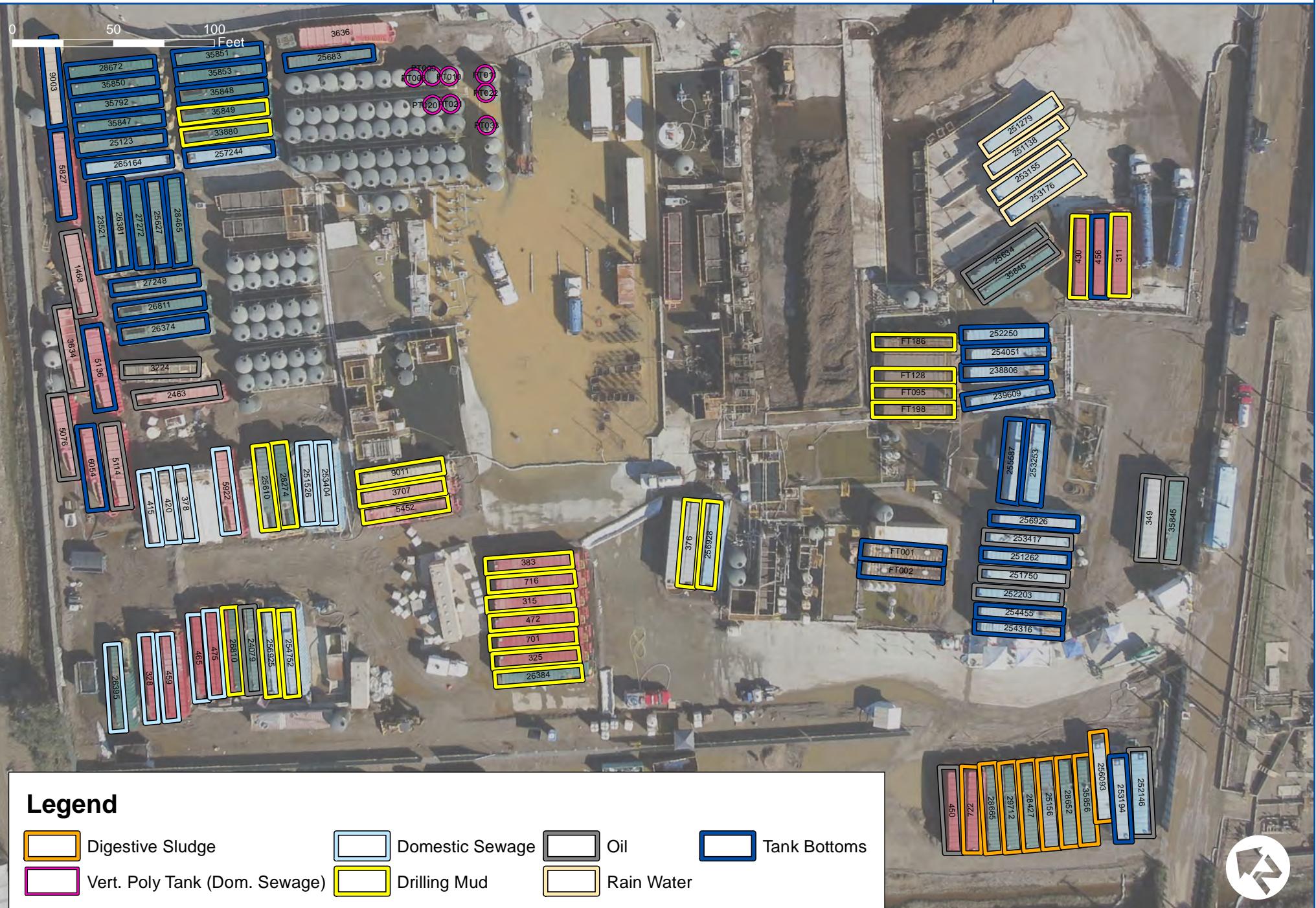
**Observation Subtype:** Frac Tank

**Comments:** Filled with rain water pumped from Site



## **Attachment D:**

# **Tank Group Map**



**Attachment E:**

**Frac Tank and Vertical Poly Tank**  
**HAZCAT Screening Location Map**  
**and Summary Table**

0 50 100 Feet



Legend

Digestive Sludge

Domestic Sewage

Oil

Vert. Poly Tank (Dom. Sewage)

Drilling Mud

Tank Bottoms

HAZCAT Frac and Poly Tank Sample Characterization: 12/15/2014<sup>1</sup>

Day	Samp_No	pH	Oxidizer	Halogens <sup>2</sup>	Sulfides	Water Soluble	Flammable	Peroxide Conc	Rad (uR/hr)	Rad (CPM)	Comments
12/15/2014	1215-253194	NA	N	N	N	N/Y (2-phase)	Y (siloxane)	NA	9	25	Black/oily; Dil. Water (2-phase)
12/15/2014	1215-254051	NA	N	N	N	N	Y (siloxane)	NA	9	25	Black/oily
12/15/2014	1215-FT002	7	N	N	N	Y	N	NA	10	25	Thin tan; opaque
12/15/2014	1215-254316	NA	N	N	N	N/Y (2-phase)	N (siloxane-like)	NA	10	100	Black sludge (2-phase)
12/15/2014	1215-256925	NA	N	N	N	Y	N	NA	10	100	Black/oily
12/15/2014	1215-24079	NA	N	N	N	Y	N	NA	10	25	Black/oily
12/15/2014	1215-3224 (A)	NA	N	N	N	N	Y	NA	9	50	Black/oily
12/15/2014	1215-3224 (B)	NA	N	N	N	Y	N	NA	9	50	Black/oily; (mainly water)
12/15/2014	1215-430	7	N	N	N	Y	N	NA	10	25	Clear gray liquid
12/15/2014	1215-35845 (A)	NA	N	N	N	N/Y (2-phase)	N	NA	9	25	Black/oily; water (2-phase)
12/15/2014	1215-35845 (B)	NA	N	N	N	N	N	NA	9	25	Black/oily
12/15/2014	1215-465	7	N	N	N	Y	N	NA	NA	NA	Gray odor liquid
12/15/2014	1215-459	7	N	N	N	Y	N	NA	NA	NA	Gray solid
12/15/2014	1215-28247	NA	N	N	N	N	N	NA	9	25	Solid
12/15/2014	1215-PT020	7	N	N	N	Y	N	NA	NA	NA	Gray sludge

<sup>1</sup>Note: The data set displayed here has not undergone complete QA/QC analysis and is presented in a preliminary format

<sup>2</sup>Based on Beilstein (copper wire) test

**Attachment F:**

**Tote Visual Assessment &  
HAZCAT Screening Location  
Maps and Summary Tables**



0 50 100 Feet





Totes present within the perimeter of the Santa Clara Wastewater Co. facility were visually assessed and documented by CTEH® personnel as of December 30, 2014. Additional totes may be present that have not yet been discovered. Table 1 below contains a list of totes found including responder comments and category assigned by an onsite chemist. Table 2 contains a total count of totes organized by each category. Also attached is a map depicting each tote location within the facility as well as photos and documentation from field personnel.

Table 1 - Tote Inventory – Visual Assessment<sup>1</sup>

Tote ID	Comments	Category <sup>2</sup>
TT001	2-3inches of liquid in bottom, label says water softener brine	Empty
TT002	Very little liquid, label says water softener brine	Empty
TT003	Very little amount of water, written label says -salt softener regen brine	Empty
TT004	Small amount of liquid, contents on label salt softener regen brine	Empty
TT005	3/4 full, labeled as COPREP 320-L	Polymer
TT006	Thick white polymer	Polymer
TT007	Appears empty and with no label	Empty
TT008	There is a little bit of solid in the bottom, no label	Empty
TT009	About 80% full, labeled COPREP 460TC	Polymer
TT010	Very small amount of liquid present, labeled for sodium chlorite 31.25% active	Hypochlorite
TT011	Empty and unlabeled	Empty
TT012	Small amount of liquid in bottom, no label	Empty
TT013	Very small about of liquid in bottom, no label	Empty
TT014	Unknown level of liquid, labeled for sulfuric acid	Acid
TT015	Labeled for sulfuric acid	Acid
TT016	Tote labeled for sulfuric acid very little liquid in side	Acid
TT017	700 gallon tote with 5-6 inches of fluid at the bottom, no label present	Peroxide
TT018	1/3rd full tote with labels for ferric sulfate 50% solution	Ferric Sulfate
TT019	Tote is approximately 15% full. Liquid is clear with some particulate matter.	Pres. Wash Container
TT020	Appears to be empty, no label apparent	Empty
TT021	4/5ths full, on raised platform, no label	Process Container
TT022	No label, seems to be at least half full, to looks dark, tote in 4-6 inches of liquid	Acid
TT023	1/4 full, no label, opaque liquid	Polymer
TT024	1/3 full of grey solid looking substance, no label	Polymer
TT025	Half full of liquid, no label,	Peroxide
TT026	About 10inches of liquid, no label	Process Container
TT027	250 gallons of unknown liquid, no label	Process Container
TT028	Large container 2/3rds full of hydrogen peroxide	Peroxide
TT029	Half full with hand written H2O2	Peroxide
TT030	COPREP 460TC on label and about 80% full	Process Container
TT031	3/4full, label says - COPREP 460TC	Process Container
TT032	Inside is dry, no label	Empty

<sup>1</sup>Note: The data set displayed here has not undergone complete QA/QC analysis and is presented in a preliminary format

<sup>2</sup>Totes categorized as Empty contain less than or equal to one inch of product (RCRA empty)

Table 1 - Tote Inventory – Visual Assessment (continued)<sup>1</sup>

Tote ID	Comments	Category <sup>2</sup>
TT033	About 12 inches of liquid on a stand, label unclear but says - 460TC	Process Container
TT034	12 inches of liquid no readable label	Process Container
TT035	2/3 full, on stand, no label	Process Container
TT036	About 1/3rd full, unknown liquid on raised stand, no label	Process Container
TT037	3/4 full of white polymer like substance with pump attached, labeled	Polymer
TT038	2/3rd full about 150-175 gallons of black liquid sitting in a plastic base with white fluid	Flammable
TT039	Empty Tank - updated duplicate ID from TT037 to TT039	Empty
TT040	Empty tote on elevated stand with label for ferric sulfate 50% solution	Empty
TT041	Empty tote labeled for caustic soda 50%	Empty
TT042	Empty ferric sulfate 50% solution tote	Empty
TT043	Empty tote labeled for hypochlorite solution	Empty
TT044	Empty tote labeled for caustic soda	Empty
TT045	Empty tote labeled for H2O2	Empty
TT046	No label present and 4-5 inches of liquid in the bottom	Process Container
TT047	White polymer-like substance in bottom 5-6 inches of tote. No label present	Polymer
TT048	Empty tote, degraded label, with bags of NaOH	Empty
TT049	Empty tote no label	Empty
TT050	Empty tote, no label	Empty
TT051	Tote appears empty and no label	Empty
TT052	Tote appears empty and no label	Empty
TT053	Empty tote, no label	Empty
TT054	Some solid in downslope corner of tote and no label	Empty
TT055	Empty tote labeled as COPREP 320 L	Empty
TT056	Appears empty, hand written label for waste water/dietary supp	Empty
TT057	No readable label and empty	Empty
TT058	Empty 50 gallon barrel, labeled for chlorine dioxide	Empty
TT059	Appears empty, no apparent label	Empty
TT060	Appears empty 50 gallon drum, label says, wolf berry liquid extract	Empty
TT061	In metal cage on platform, no label, 3-4 inches of liquid	Process Container
TT062	Empty container, no clear label	Empty
TT063	Deformed tote with no label	Empty
TT064	12 inches of clear liquid. Tote is in tan con ex box.	Acid

<sup>1</sup>Note: The data set displayed here has not undergone complete QA/QC analysis and is presented in a preliminary format

<sup>2</sup>Totes categorized as empty contain less than or equal to one inch of product (RCRA empty)

Table 2 – Total Tote Count by Category

Totals <sup>1</sup>			
<b>Acid</b>	5	<b>Peroxide</b>	4
<b>Empty</b>	33	<b>Polymer</b>	7
<b>Ferric Sulfate</b>	1	<b>Pressure Wash Container</b>	1
<b>Flammable</b>	1	<b>Process Container</b>	11
<b>Hypochlorite</b>	1	<b>TOTAL</b>	<b>64</b>

<sup>1</sup>Note: The data set displayed here has not undergone complete QA/QC analysis and is presented in a preliminary format



0 50 100 Feet



HAZCAT Tote Sample Characterization: 12/14/2014<sup>1</sup>

Day	Samp_No	pH	Oxidizer	Halogens <sup>2</sup>	Sulfides	Water Soluble	Flammable	Peroxide Conc	Rad (uR/hr)	Rad (CPM)	Comments
12/14/2014	1214-T24	8	N	N	N	Y; slow to mix, sinks	N	NA	9	25	Clear colorless; viscous liquid
12/14/2014	1214-T22	2 – 3 (after dilution)	Y	N	N	Y	N	NA	9	50	Clear colorless; thin liquid
12/14/2014	1214-T37	4	N	N	N	Y; suspension	N (with sparks)	NA	8	50	White opaque; thick
12/14/2014	1214-T23	8	N	N	N	Y; slow to mix, sinks	N	NA	9	25	Clear colorless liquid; thick
12/14/2014	1214-T21	6 - 7	N	N	N	Y	N	NA	9	25	Yellow/opaque; viscous gel-liquid
12/14/2014	1214-T19	7 - 8	N	N	N	Y	N	NA	10	25	Clear colorless; thin liquid
12/14/2014	1214-T18	5	N	N	N	Y (solids present)	N	NA	9	50	Muddy/brown; thin liquid
12/14/2014	1214-T17	3	Strong+	N	N	Y	N	~25	9	25	Clear colorless; thin liquid
12/14/2014	1214-T07	3	Strong+	N	N	Y	N	~25	9	25	Clear colorless; thin liquid
12/14/2014	1214-T10	11	Strong+	N	N	Y	N	NA	8	25	Dark yellow/green; thin liquid; Bleach
12/14/2014	1214-T14	1 - 2 (after dilution)	Eats paper	N	N	Y	N	NA	9	25	Clear colorless; thin liquid (H <sub>2</sub> SO <sub>4</sub> ); pH inconclusive (diluted)
12/14/2014	1214-T15	1 - 2 (after dilution)	Eats paper	N	N	Y	N	NA	8	25	Clear colorless; thin liquid (H <sub>2</sub> SO <sub>4</sub> ); pH inconclusive (diluted)
12/14/2014	1214-T16	1 - 2 (after dilution)	Eats paper	N	N	Y	N	NA	9	25	Clear colorless; thin liquid (H <sub>2</sub> SO <sub>4</sub> ); pH inconclusive (diluted)
12/14/2014	1214-T30	7	N	N	N	Forms Suspension	N	NA	8	50	White opaque; viscous
12/14/2014	1214-T32	NA	MT	MT	MT	MT	MT	NA			MT
12/14/2014	1214-T38	2	N	Possible	N	Y; forms opaque liquid	Y (with aromatics)	NA	9	25	Black liquid; thin
12/14/2014	1214-T25	2	Y	N	N	Y; orange color after mix	N	NA	9	50	Black liquid; thin

<sup>1</sup>Note: The data set displayed here has not undergone complete QA/QC analysis and is presented in a preliminary format

<sup>2</sup>Based on Beilstein (copper wire) test

# 106846 - MISSION INCIDENT Site Activities - Tote Visual Assessment

**ID:** 127203

**GPS:** 34.31482, -119.10429

**Date:** 2014/12/30 13:32

**Location Description:** West tote bank

**Primary Identifier:** TT001

**Observation Type:** Survey

**Secondary Identifier:** TT001

**Observation Subtype:** Existing Fixed Location

**Comments:** 2-3inches of liquid in bottom, label says water softener brine



**ID:** 127184

**GPS:** 34.31482, -119.10428

**Date:** 2014/12/30 13:31

**Location Description:** West tote farm

**Primary Identifier:** TT002

**Observation Type:** Survey

**Secondary Identifier:** TT002

**Observation Subtype:** Existing Fixed Location

**Comments:** Very little liquid, label says water softener brine



**ID:** 127206

**GPS:** 34.31487, -119.10429

**Date:** 2014/12/30 13:29

**Location Description:** West tote farm

**Primary Identifier:** TT003

**Observation Type:** Survey

**Secondary Identifier:** TT003

**Observation Subtype:** Existing Fixed Location

**Comments:** Very little amount of water, written label says -salt softener regen brine



**ID:** 127163

**GPS:** 34.31491, -119.10426

**Date:** 2014/12/30 11:52    **Location Description:** West tote farm

**Primary Identifier:** TT004

**Observation Type:** Survey

**Secondary Identifier:** TT004

**Observation Subtype:** Existing Fixed Location

**Comments:** Small amount of liquid, contents on label salt softener regen brine



**ID:** 127151

**GPS:** 34.31494, -119.1044

**Date:** 2014/12/30 11:23    **Location Description:** West tote farm

**Primary Identifier:** TT005

**Observation Type:** Survey

**Secondary Identifier:** TT005

**Observation Subtype:** Existing Fixed Location

**Comments:** 3/4 full, labeled as COPREP 320-L



**ID:** 127272

**GPS:** 34.31492, -119.10442

**Date:** 2014/12/29 15:14    **Location Description:** West tote farm

**Primary Identifier:** TT006

**Observation Type:** Survey

**Secondary Identifier:** TT006

**Observation Subtype:** Existing Fixed Location

**Comments:** Thick white polymer



**ID:** 127158

**GPS:** 34.3151, -119.1044

**Date:** 2014/12/30 11:26

**Location Description:** West tote farm

**Primary Identifier:** TT007

**Observation Type:** Survey

**Secondary Identifier:** TT007

**Observation Subtype:** Existing Fixed Location

**Comments:** Appears empty and with no label



**ID:** 127182

**GPS:** 34.31498, -119.10439

**Date:** 2014/12/30 11:35

**Location Description:** West tote farm in B4

**Primary Identifier:** TT008

**Observation Type:** Survey

**Secondary Identifier:** TT008

**Observation Subtype:** Existing Fixed Location

**Comments:** There is a little bit of solid in the bottom, no label



**ID:** 127150

**GPS:** 34.31507, -119.10432

**Date:** 2014/12/30 11:30

**Location Description:** West tote farm in B4

**Primary Identifier:** TT009

**Observation Type:** Survey

**Secondary Identifier:** TT009

**Observation Subtype:** Existing Fixed Location

**Comments:** About 80% full, labeled COPREP 460TC



**ID:** 127164

**GPS:** 34.31504, -119.10427

**Date:** 2014/12/30 11:46

**Location Description:** Northeast side of B4

**Primary Identifier:** TT010

**Observation Type:** Survey

**Secondary Identifier:** TT010

**Observation Subtype:** Existing Fixed Location

**Comments:** Very small amount of liquid present, labeled for sodium chlorite 31.25% active



**ID:** 127153

**GPS:** 34.31498, -119.10423

**Date:** 2014/12/30

**Location Description:** Tote in group between frac tanks near SW corner of hot zone.

11:48

**Observation Type:** Survey

**Primary Identifier:** TT011

**Secondary Identifier:** TT011

**Comments:** Empty and unlabeled



**ID:** 127159

**GPS:** 34.31501, -119.10425

**Date:** 2014/12/30

**Location Description:** Tote in group between frac tanks near SW corner of hot zone

11:45

**Observation Type:** Survey

**Primary Identifier:** TT012

**Secondary Identifier:** TT012

**Comments:** Small amount of liquid in bottom, no label



**ID:** 127160  
**Date:** 2014/12/30 11:43

**Location Description:** Tote in group between frac tanks near SW corner of hot zone  
**Observation Type:** Survey  
**Observation Subtype:** Existing Fixed Location

**Primary Identifier:** TT013  
**Secondary Identifier:** TT013  
**Comments:** Very small about of liquid in bottom, no Label



**ID:** 127148  
**Date:** 2014/12/30 09:52

**Location Description:** A1 southwest of A2  
**Observation Type:** Survey  
**Observation Subtype:** Existing Fixed Location

**Comments:** Unknown level of liquid, labeled for sulfuric acid



**ID:** 127139  
**Date:** 2014/12/30 09:45

**Location Description:**  
**Observation Type:** Survey  
**Observation Subtype:** Existing Fixed Location

**Comments:** Labeled for sulfuric acid



**ID:** 127144

**GPS:** 34.31451, -119.10439

**Date:** 2014/12/30 09:47

**Location Description:** A1 southwest of A2

**Primary Identifier:** TT016

**Observation Type:** Survey

**Secondary Identifier:** TT016

**Observation Subtype:** Existing Fixed Location

**Comments:** Tote labeled for sulfuric acid very little liquid in side



**ID:** 127136

**GPS:** 34.31453, -119.1044

**Date:** 2014/12/30 09:37

**Location Description:** A1 by fire fighters station

**Primary Identifier:** TT017

**Observation Type:** Survey

**Secondary Identifier:** TT017

**Observation Subtype:** Existing Fixed Location

**Comments:** 700 gallon tote with 5-6 inches of fluid at the bottom, no label present



**ID:** 127149

**GPS:** 34.3144, -119.10429

**Date:** 2014/12/30 09:33

**Location Description:** Next to fire station in A1

**Primary Identifier:** TT018

**Observation Type:** Survey

**Secondary Identifier:** TT018

**Observation Subtype:** Existing Fixed Location

**Comments:** 1/3rd full tote with labels for ferric sulfate 50% solution



**ID:** 127212

**GPS:** 34.31529, -119.10468

**Date:** 2014/12/30 09:27

**Location Description:** Tote on trailer of pressure washer

**Primary Identifier:** TT019

**Observation Type:** Survey

**Secondary Identifier:** TT019

**Observation Subtype:** Existing Fixed Location

**Comments:** Tote is approximately 15% full. Liquid is clear with some particulate matter. Tote is water container connected to pressure washer.



**ID:** 127189

**GPS:** 34.3153, -119.10433

**Date:** 2014/12/30 13:44

**Location Description:** Next to frac tank A2463

**Primary Identifier:** TT020

**Observation Type:** Survey

**Secondary Identifier:** TT020

**Observation Subtype:** Existing Fixed Location

**Comments:** Appears to be empty, no label apparent



**ID:** 127199

**GPS:** 34.31523, -119.10393

**Date:** 2014/12/30 13:55

**Location Description:** Northwest of patriot vac truck in pool

**Primary Identifier:** TT021

**Observation Type:** Survey

**Secondary Identifier:** TT021

**Observation Subtype:** Existing Fixed Location

**Comments:** 4/5ths full, on raised platform, no label



**ID:** 127177

**GPS:** 34.31446, -119.10401

**Date:** 2014/12/30 14:37

**Location Description:** Next to B1 and A1

**Primary Identifier:** TT022

**Observation Type:** Survey

**Secondary Identifier:** TT022

**Observation Subtype:** Existing Fixed Location

**Comments:** No label, seems to be at least half full, tote looks dark, tote in 4-6 inches of liquid



**ID:** 127201

**GPS:** 34.31445, -119.10401

**Date:** 2014/12/30 14:40

**Location Description:** In unmarked area next to corner of A1 and B1

**Primary Identifier:** TT023

**Observation Type:** Survey

**Secondary Identifier:** TT023

**Observation Subtype:** Existing Fixed Location

**Comments:** 1/4 full, no label, opaque liquid



**ID:** 127185

**GPS:** 34.31446, -119.104

**Date:** 2014/12/30 14:42

**Location Description:** In unmarked area next to corner of A1 and B1

**Primary Identifier:** TT024

**Observation Type:** Survey

**Secondary Identifier:** TT024

**Observation Subtype:** Existing Fixed Location

**Comments:** 1/3 full of grey solid looking substance, no label



**ID:** 127204

**GPS:** 34.3144, -119.10402

**Date:** 2014/12/30 14:48

**Location Description:** In unmarked area next to corner of A1 and B1

**Primary Identifier:** TT025

**Observation Type:** Survey

**Secondary Identifier:** TT025

**Observation Subtype:** Existing Fixed Location

**Comments:** Half full of liquid, no label,



**ID:** 127195

**GPS:** 34.31442, -119.10399

**Date:** 2014/12/30 14:47

**Location Description:** In unmarked area next to corner of A1 and B1

**Primary Identifier:** TT026

**Observation Type:** Survey

**Secondary Identifier:** TT026

**Observation Subtype:** Existing Fixed Location

**Comments:** About 10inches of liquid, no label



**ID:** 127198

**GPS:** 34.31445, -119.10397

**Date:** 2014/12/30 14:45

**Location Description:** In unmarked area next to corner of A1 and B1

**Primary Identifier:** TT027

**Observation Type:** Survey

**Secondary Identifier:** TT027

**Observation Subtype:** Existing Fixed Location

**Comments:** 250 gallons of unknown liquid, no label



**ID:** 127193

**GPS:** 34.31455, -119.10392

**Date:** 2014/12/30 14:14

**Location Description:** East corner of B1

**Primary Identifier:** TT028

**Observation Type:** Survey

**Secondary Identifier:** TT028

**Observation Subtype:** Existing Fixed Location

**Comments:** Large container 2/3rds full of hydrogen peroxide



**ID:** 127197

**GPS:** 34.31462, -119.10385

**Date:** 2014/12/30 14:16

**Location Description:** East corner of B1

**Primary Identifier:** TT029

**Observation Type:** Survey

**Secondary Identifier:** TT029

**Observation Subtype:** Existing Fixed Location

**Comments:** Half full with hand written H2O2



**ID:** 127190

**GPS:** 34.31503, -119.10406

**Date:** 2014/12/30 14:03

**Location Description:** Border of C1 and C2

**Primary Identifier:** TT030

**Observation Type:** Survey

**Secondary Identifier:** TT030

**Observation Subtype:**

**Comments:** COPREP 460TC on label and about 80% full



**ID:** 127191

**GPS:** 34.31506, -119.10406

**Date:** 2014/12/30 14:06

**Location Description:** Border of C1 and C2

**Primary Identifier:** TT031

**Observation Type:** Survey

**Secondary Identifier:** TT031

**Observation Subtype:**

**Comments:** 3/4 full, label says - COPREP 460TC



**ID:** 127183

**GPS:** 34.31461, -119.10386

**Date:** 2014/12/30 14:18

**Location Description:** East of B1

**Primary Identifier:** TT032

**Observation Type:** Survey

**Secondary Identifier:** TT032

**Observation Subtype:** Existing Fixed Location

**Comments:** Inside is dry, no label



**ID:** 127179

**GPS:** 34.31474, -119.10364

**Date:** 2014/12/30 14:23

**Location Description:** Southeast of frac tank A1846OT

**Primary Identifier:** TT033

**Observation Type:** Survey

**Secondary Identifier:** TT033

**Observation Subtype:** Existing Fixed Location

**Comments:** About 12 inches of liquid on a stand, label unclear but says - 460TC



**ID:** 127202

**GPS:** 34.31475, -119.10368

**Date:** 2014/12/30 14:27

**Location Description:** Southeast of frac tank A1846OT

**Primary Identifier:** TT034

**Observation Type:** Survey

**Secondary Identifier:** TT034

**Observation Subtype:** Existing Fixed Location

**Comments:** 12 inches of liquid no readable label



**ID:** 127200

**GPS:** 34.3148, -119.10334

**Date:** 2014/12/30 14:57

**Location Description:** By water and mulch pile

**Primary Identifier:** TT035

**Observation Type:** Survey

**Secondary Identifier:** TT035

**Observation Subtype:** Existing Fixed Location

**Comments:** 2/3 full, on stand, no label



**ID:** 127145

**GPS:** 34.31448, -119.10397

**Date:** 2014/12/30  
09:11

**Location Description:** On concrete pad across from plastic wrapped shack

**Primary Identifier:** TT036

**Observation Type:** Survey

**Secondary Identifier:** TT036

**Observation Subtype:** Existing Fixed Location

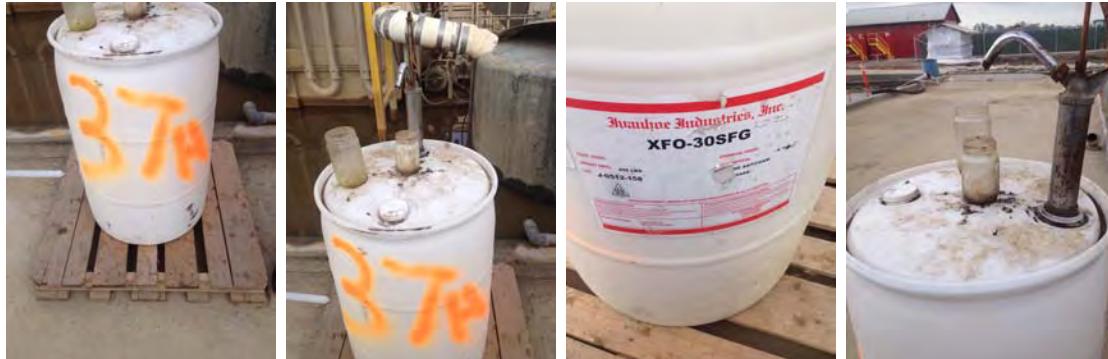
**Comments:** About 1/3rd full, unknown liquid on raised stand, no label



**ID:** 127135  
**Date:** 2014/12/30  
09:07

**Location Description:** Across from plastic covered shack on concrete pad  
**Observation Type:** Survey  
**Observation Subtype:** Existing Fixed Location

**Primary Identifier:** TT037  
**Secondary Identifier:** TT037  
**Comments:** 3/4 full of white polymer like substance with pump attached, labeled



**ID:** 127142  
**Date:** 2014/12/30 08:56

**Location Description:** Adjacent to decon C  
**Observation Type:** Survey  
**Observation Subtype:** Existing Fixed Location

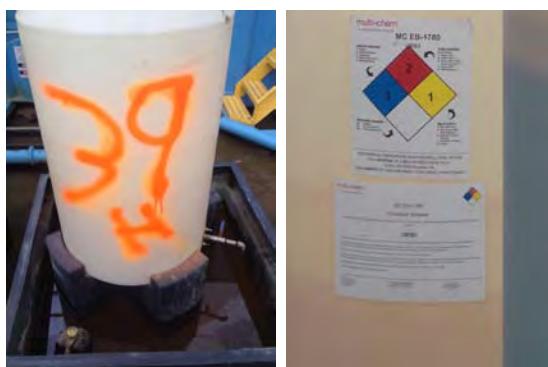
**Primary Identifier:** TT038  
**Secondary Identifier:** TT038  
**Comments:** 2/3rd full about 150-175 gallons of black liquid sitting in a plastic base with white fluid



**ID:** 127140  
**Date:** 2014/12/30 08:52

**Location Description:** Adjacent to decon C  
**Observation Type:** Survey  
**Observation Subtype:** New Fixed Location

**Comments:** Empty Tank - updated duplicate ID from TT037 to TT039



**ID:** 127146

**GPS:** 34.31448, -119.10418

**Date:** 2014/12/30 09:22

**Location Description:** Eat the southeast corner of A1 and B1

**Primary Identifier:** TT040

**Observation Type:** Survey

**Secondary Identifier:** TT040

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote on elevated stand with label for ferric sulfate 50% solution



**ID:** 127141

**GPS:** 34.31438, -119.10434

**Date:** 2014/12/30 09:26

**Location Description:** A1 south of firefighters station

**Primary Identifier:** TT041

**Observation Type:** Survey

**Secondary Identifier:** TT041

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote labeled for caustic soda 50%



**ID:** 127147

**GPS:** 34.31448, -119.1043

**Date:** 2014/12/30 09:30

**Location Description:** A1 by fire fighters station

**Primary Identifier:** TT042

**Observation Type:** Survey

**Secondary Identifier:** TT042

**Observation Subtype:** New Fixed Location

**Comments:** Empty ferric sulfate 50% solution tote



**ID:** 127138

**GPS:** 34.31454, -119.10445

**Date:** 2014/12/30 09:41

**Location Description:** A1 southwest of A2

**Primary Identifier:** TT043

**Observation Type:** Survey

**Secondary Identifier:** TT043

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote labeled for hypochlorite solution



**ID:** 127143

**GPS:** 34.31456, -119.10437

**Date:** 2014/12/30 09:50

**Location Description:** A1 southwest of A2

**Primary Identifier:** TT044

**Observation Type:** Survey

**Secondary Identifier:** TT044

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote labeled for caustic soda



**ID:** 127137

**GPS:** 34.31454, -119.10448

**Date:** 2014/12/30 09:53

**Location Description:**

**Primary Identifier:** TT045

**Observation Type:** Survey

**Secondary Identifier:** TT045

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote labeled for H2O2



**ID:** 127188                   **GPS:** 34.31495, -119.10341  
**Date:** 2014/12/30 10:52      **Location Description:** Southwest side of saturated media pile next to container ARTU 7001808  
**Primary Identifier:** TT046      **Observation Type:** Survey  
**Secondary Identifier:** TT046      **Observation Subtype:** New Fixed Location  
**Comments:** No label present and 4-5 inches of liquid in the bottom



**ID:** 127192                   **GPS:** 34.31498, -119.10345  
**Date:** 2014/12/30 10:55      **Location Description:** Southwest side of saturated media pile next to container ARTU 7001808  
**Primary Identifier:** TT047      **Observation Type:** Survey  
**Secondary Identifier:** TT047      **Observation Subtype:** New Fixed Location  
**Comments:** White polymer like substance in bottom 5-6 inches of tote. No label present



**ID:** 127155                   **GPS:** 34.31496, -119.10439  
**Date:** 2014/12/30 11:17      **Location Description:** B4 next to water truck  
**Primary Identifier:** TT048      **Observation Type:** Survey  
**Secondary Identifier:** TT048      **Observation Subtype:** New Fixed Location  
**Comments:** Empty tote, degraded label, with bags of NaOH



**ID:** 127180

**GPS:** 34.31497, -119.10439

**Date:** 2014/12/30 11:19

**Location Description:** B4

**Primary Identifier:** TT049

**Observation Type:** Survey

**Secondary Identifier:** TT049

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote no label



**ID:** 127157

**GPS:** 34.315, -119.10432

**Date:** 2014/12/30 11:21

**Location Description:** B4

**Primary Identifier:** TT050

**Observation Type:** Survey

**Secondary Identifier:** TT050

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote, no label



**ID:** 127156

**GPS:** 34.31498, -119.1044

**Date:** 2014/12/30 11:28

**Location Description:** West tote farm in B4

**Primary Identifier:** TT051

**Observation Type:** Survey

**Secondary Identifier:** TT051

**Observation Subtype:** New Fixed Location

**Comments:** Tote appears empty and no label



**ID:** 127154

**GPS:** 34.31506, -119.10427

**Date:** 2014/12/30 11:29    **Location Description:** West tote farm in B4

**Primary Identifier:** TT052

**Observation Type:** Survey

**Secondary Identifier:** TT052

**Observation Subtype:** New Fixed Location

**Comments:** Tote appears empty and no label



**ID:** 127186

**GPS:** 34.315, -119.10434

**Date:** 2014/12/30 11:37    **Location Description:** West tote farm in B4

**Primary Identifier:** TT053

**Observation Type:** Survey

**Secondary Identifier:** TT053

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote, no label



**ID:** 127161

**GPS:** 34.31498, -119.10429

**Date:** 2014/12/30 11:38    **Location Description:** West tote farm

**Primary Identifier:** TT054

**Observation Type:** Survey

**Secondary Identifier:** TT054

**Observation Subtype:** New Fixed Location

**Comments:** Some solid in downslope corner of tote and no label



**ID:** 127162

**GPS:** 34.31502, -119.10435

**Date:** 2014/12/30 11:41

**Location Description:** West tote farm in B4

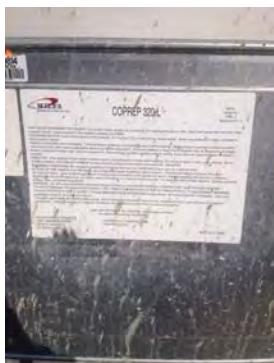
**Primary Identifier:** TT055

**Observation Type:** Survey

**Secondary Identifier:** TT055

**Observation Subtype:** New Fixed Location

**Comments:** Empty tote labeled as COPREP 320 L



**ID:** 127152

**GPS:** 34.31493, -119.1043

**Date:** 2014/12/30 11:50

**Location Description:** South side of tote tote farm in B4

**Primary Identifier:** TT056

**Observation Type:** Survey

**Secondary Identifier:** TT056

**Observation Subtype:** New Fixed Location

**Comments:** Appears empty, hand written label for waste water/dietary supp



**ID:** 127187

**GPS:** 34.31484, -119.10432

**Date:** 2014/12/30 13:35

**Location Description:** West tote farm in B2

**Primary Identifier:** TT057

**Observation Type:** Survey

**Secondary Identifier:** TT057

**Observation Subtype:** New Fixed Location

**Comments:** No readable label and empty



**ID:** 127178

**GPS:** 34.31529, -119.10465

**Date:** 2014/12/30 13:38

**Location Description:** Next to northwest fence line

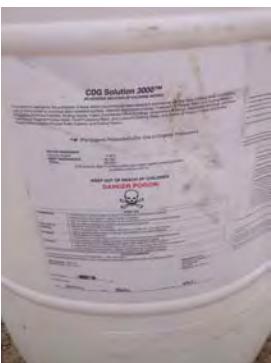
**Primary Identifier:** TT058

**Observation Type:** Survey

**Secondary Identifier:** TT058

**Observation Subtype:** New Fixed Location

**Comments:** Empty 50 gallon barrel, labeled for chlorine dioxide



**ID:** 127205

**GPS:** 34.3153, -119.1044

**Date:** 2014/12/30 13:48

**Location Description:** West of frac tank A2463

**Primary Identifier:** TT059

**Observation Type:** Survey

**Secondary Identifier:** TT059

**Observation Subtype:** New Fixed Location

**Comments:** Appears empty, no apparent label



**ID:** 127194

**GPS:** 34.3153, -119.10431

**Date:** 2014/12/30 13:50

**Location Description:** West of frac tank A2463

**Primary Identifier:** TT060

**Observation Type:** Survey

**Secondary Identifier:** TT060

**Observation Subtype:** New Fixed Location

**Comments:** Appears empty 50 gallon drum, label says, wolf berry liquid extract



**ID:** 127181

**GPS:** 34.31518, -119.10381

**Date:** 2014/12/30 13:59

**Location Description:** Northwest of pool next to green vertices

**Primary Identifier:** TT061

**Observation Type:** Survey

**Secondary Identifier:** TT061

**Observation Subtype:** New Fixed Location

**Comments:** In metal cage on platform, no label, 3-4 inches of liquid



**ID:** 127196

**GPS:** 34.31481, -119.10371

**Date:** 2014/12/30 14:21

**Location Description:** Northeast of B1 next to pool

**Primary Identifier:** TT062

**Observation Type:** Survey

**Secondary Identifier:** TT062

**Observation Subtype:** New Fixed Location

**Comments:** Empty container, no clear label



**ID:** 127207

**GPS:** 34.31496, -119.10329

**Date:** 2014/12/30 15:00

**Location Description:** By saturated media pile and green light plant

**Primary Identifier:** TT063

**Observation Type:** Survey

**Secondary Identifier:** TT063

**Observation Subtype:** New Fixed Location

**Comments:** Deformed tote with no label



**ID:** 127320

**GPS:** 34.31509, -119.10387

**Date:** 2015/01/01 16:21

**Location Description:** TR064

**Primary Identifier:** TT064

**Observation Type:** Survey

**Secondary Identifier:** Tote

**Observation Subtype:** New Fixed Location

**Comments:** 12 inches of clear liquid. Tote is in tan con ex box.



**Attachment G:**

**Safety Data Sheets (SDSs)**

**CONNELL BROS.  
COMPANY LTD.**

**CERTIFICATE OF ANALYSIS  
FORM NO. QCF-06 A**

**CERTIFICATE NO. COA-14-0966-0967**

**Date : 26.05.2014**

**Product Name : SODIUM SULPHITE  
Grade : TECH-H  
Customer's Name : CONNELL BROS COMPANY LTD.**

<b>Lot No.</b>		<b>GA12</b>	<b>GE16</b>
<b>Quantity</b>		8.349	13.005 MT.
<b>TEST</b>	<b>UNIT</b>	<b>VALUE</b>	
Appearance of solid		WHITE CRYSTAL POWDER	
Purity as Na <sub>2</sub> SO <sub>3</sub>	%	88.85	88.64
Sodium sulphate	%	1.00	1.25
Moisture	%	0.07	0.07
Insoluble-water	%	ND	0.02
Iron as Fe	ppm	0.90	2.50
Heavy Metal as Pb	ppm	7.00	8.00
pH 8 % Solution		8.90	8.80

**Date of manufacture : 12/01/2014, 16/05/2014  
Date of expiry : 11/01/2016, 15/06/2016  
DO : 81168129**



## Material Safety Data Sheet

MSDS ID: ZT/ZZ

ZapZorb

### \*\*\* Section 1 – Chemical Product and Company Identification \*\*\*

**Chemical Name:** Sodium Polyacrylate, Crosslinked

Zappa Tec, LLC  
828 Knox Road  
McLeansville, NC 27301

Phone: (888) 369-8704

Emergency #: (800) 424-9300 CHEMTREC

### \*\*\* Section 2 – Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
9003-04-7	Sodium polyacrylate	>99
Not Available	Post Treated – Trade Secret	0

#### Component Information/Information on Non-Hazardous Components

The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. However, the manufacturer recognizes the potential for respiratory tract irritation as a result of inhalation of this material as a respirable dust. See Sections 8, 11, 14, and 15 for further regulatory information.

### \*\*\* Section 3 – Hazard Identification \*\*\*

#### Emergency Overview

Sodium polyacrylate is a white, granular, odorless polymer that yields a gel-like material with the addition of water. It is insoluble in water and causes extremely slippery conditions when wet. Although not regulated as a hazardous material, the respirable dust is a potential respiratory tract irritant. The manufacturer recommends an eight-hour exposure limit of 0.05 mg/m<sup>3</sup>.

#### Potential Health Effects: Eyes

Dust may cause burning, drying, itching and other discomfort, resulting in reddening of the eyes.

#### Potential Health Effects: Skin

Exposure to the dust, such as in manufacturing, may aggravate existing skin conditions due to drying effect.

#### Potential Health Effects: Ingestion

Although not a likely route of entry, tests have shown that polyacrylate absorbents are non-toxic if ingested. However, as in any instance of non-food consumption, seek medical attention in the event of any adverse symptoms.

#### Potential Health Effects: Inhalation

Exposure to respirable dust may cause respiratory tract and lung irritation and may aggravate existing respiratory conditions.

#### HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic hazard

### \*\*\* Section 4 – First Aid Measures \*\*\*

#### First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes.

#### First Aid: Skin

Remove polyacrylate absorbent dust from skin using soap and water.

#### First Aid: Ingestion

Non-toxic by ingestion. However, if adverse symptoms appear, seek medical attention.

**First Aid: Inhalation**

If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.

**\* \* \* Section 5 – Fire Fighting Measures \* \* \*****General Fire Hazards**

No recognized fire hazards associated with the finished product.

**Upper Flammable Limit (UFL): NE**

**Lower Flammable Limit (LFL): NE**

**Method Used:** None

**Flash Point:** None

**Flammability Classification:** None

**Hazardous Combustion Products**

None known.

**Extinguishing Media**

Dry Chemical, foam, carbon dioxide, water fog. Extremely slippery conditions are created if spilled product comes in contact with water.

**Fire Fighting Equipment/Instructions**

Firefighters should wear full protective clothing including self contained breathing apparatus.

**NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0**

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

**\* \* \* Section 6 – Accidental Release Measures \* \* \*****Containment Procedures**

Sweep or vacuum material when possible and shovel into a waste container.

**Clean-Up Procedures**

Use caution after contact of product with water as extremely slippery conditions will result. Residuals may be flushed with water into the drain for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

**Evacuation Procedures**

None Required.

**Special Procedures**

Avoid respirable dust inhalation during clean-up. Wear appropriate respirator.

**\* \* \* Section 7 – Handling and Storage \* \* \*****Handling Procedures**

Handle as an eye and respiratory tract irritant.

**Storage Procedures**

Store in a dry, closed container.

**\* \* \* Section 8 – Exposure Controls / Personal Protection \* \* \*****Exposure Guidelines****A: General Product Information**

This product is not regulated as a hazardous material. However, the manufacturer recognizes the potential for respiratory tract irritation and recommends an eight hour exposure limit of 0.05 mg/m<sup>3</sup>.

**B: Component Exposure Limits**

No information is available.

**Engineering Controls**

Provide local exhaust ventilation to maintain worker exposure to less than 0.5 mg/m<sup>3</sup> over an eight-hour period.

**PERSONAL PROTECTIVE EQUIPMENT****Personal Protective Equipment: Eyes/Face**

Wear safety glasses with side shields or goggles.

**Personal Protective Equipment: Skin**

Use impervious gloves when handling the product in the manufacturing environment.

**Personal Protective Equipment: Respiratory**

Wear respirator with a high efficiency filter if particulate concentrations in the work area exceed 0.05 mg/m<sup>3</sup> over an eight-hour period.

**Personal Protective Equipment: General**

Obey reasonable safety precautions and practice good housekeeping. Wash thoroughly after handling.

**\*\*\* Section 9 – Physical & Chemical Properties \*\*\***

**Appearance:** White granular Powder  
**Physical State:** Solid  
**Vapor Pressure:** <10 mm Hg  
**Boiling Point:** NE  
**Solubility (H2O):** Not soluble.  
**Evaporation Rate:** <1.0

**Odor:** None  
**PH:** 5.5-6.5 (1% in water)  
**Vapor Density:** NE  
**Melting Point:** >390 F  
**Specific Gravity:** 0.4-0.7 g/ml

**\*\*\* Section 10 – Chemical Stability & Reactivity Information \*\*\*****Chemical Stability**

The product is stable.

**Chemical Stability: Conditions to Avoid**

None

**Incompatibility**

None

**Hazardous Decomposition**

None known.

**Hazardous Polymerization**

Will not occur.

**\*\*\* Section 11 – Toxicological Information \*\*\*****Acute and Chronic Toxicity****A: General Product Information**

Acute inhalation of respirable dust may cause irritation of the upper respiratory tract and lungs.

**B: Acute Toxicity-LD50/LC50****Sodium polyacrylate (9003-04-7)**

LD50: Oral LD50 Rat: 40gm/kg

**Carcinogenicity****Component Carcinogenicity**

No information is available.

**Chronic Toxicity**

Chronic inhalation exposure to rats for a lifetime (two years) using sodium polyacrylate that had been micronized to a respirable particle size (less than 10 microns) produced non-specific inflammation and chronic lung injury at 0.2 mg/m<sup>3</sup> and 0.8 mg/m<sup>3</sup>. Also, at 0.8 mg/m<sup>3</sup>, tumors were seen in some test animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects detected at 0.05 mg/m<sup>3</sup>.

**Mutagenicity**

Sodium polyacrylate had no effect in mutagenicity tests.

**\* \* \* Section 12 – Ecological Information \* \* \*****Ecotoxicity****A: General Product Information**

Composted polyacrylate absorbents are nontoxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

**B: Component Analysis – Ecotoxicity – Aquatic Toxicity**

No information available.

**Environmental Fate**

Polyacrylate absorbents are relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of polyacrylic absorbents will not affect the performance of wastewater treatment systems.

**\* \* \* Section 13 – Disposal Considerations \* \* \*****US EPA Waste Number & Descriptions****A: General Product Information**

This product is a non-hazardous waste material suitable for approved solid waste landfills.

**B: Component Waste Numbers**

No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions**

Dispose of in accordance with Local, State and Federal regulations.

**\* \* \* Section 14 – Transportation Information \* \* \*****International Transportation Regulations**

This product is not transport regulated.

**\* \* \* Section 15 – Regulatory Information \* \* \*****US Federal Regulations****A: General Product Information**

This product is not Federally regulated as a hazardous material.

**B: Clean Air Act**

No information is available.

**C: Component Analysis**

No information is available.

**D: Food & Drug Administration**

CFR references for the FDA regulated components in this product are listed.

**Sodium polyacrylate (9003-04-7)**

Direct Food Additives: 173.73, 173.310

Indirect Food Additives: 175.105

Miles Chemical Co., Inc. 1240 N. Knollwood Circle, Anaheim, Ca 92801

MATERIAL SAFETY DATA SHEET

N.F.P.A. Rating: Health (1), Flammability (1), Reactivity (0)

I. PRODUCT IDENTIFICATION

Trade name (as labeled): **MICEL COPREP 460-TC**

Manufacturer's name: MILES CHEMICAL CO., INCORPORATED

Address: 1240 N. KNOLLWOOD CIRCLE ANAHEIM, CA 92801

Emergency phone: 1-800-424-9300

Business phone: 714/995-3300

Name of preparer\*: Technical Dept.

Date prepared: January 30, 2012

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	Percent*	Exposure Limits in Air
			ACGIH(TLV)   OSHA(PEL)   OTHER

Nonionic water-soluble polymer in emulsion

Aqueous solutions or powders that become wet render surfaces extremely slippery.

III. PHYSICAL PROPERTIES

Appearance and odor: Viscous milky liquid with aliphatic odor.  
pH: 3-7 @ 5 g/l

Vapor pressure (mm Hg): 0.0002 @ 20°C

Bulk viscosity (cps): 1200

Approx. bulk density: 1.04

IV. FIRE AND EXPLOSION

Flash Point, F (give method): None.

Auto-ignition temperature, F: Not Applicable

Fire extinguishing materials: Not flammable.

water spray

carbon dioxide

other:

foam

dry chemical

Special fire fighting procedures: No special protective equipment required.

Unusual fire and explosion hazards: Spills produce extremely slippery surfaces.

V. HEALTH AND HAZARD INFORMATION

Skin Contact: May cause skin irritation with susceptible persons.

Eyes: May cause eye irritation with susceptible persons.

Inhalation: Product is not expected to be toxic by inhalation.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.

Skin Contact: Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.

Inhaled: Remove to fresh air.

Swallowed: The product is not considered toxic based on studies on laboratory animals.

California Proposition 65 Information: This product contains a chemical(s) known to the State of California to cause cancer: residual Acrylamide

#### VI. REACTIVITY DATA

Stability:  Stable  Unstable

Incompatibility (materials to avoid): No specific information.

Hazardous decomposition products (including combustion products): Thermal decomposition may produce: Hydrogen chloride gas, nitrogen oxides (NOx), carbon oxides (COx).

Hazardous polymerization:  May occur  Will not occur

#### VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Personal Precautions: No special precautions required.

Environmental precautions: Do not contaminate water.

Methods for cleaning up: Do not flush with water. Soak up with inert absorbent material. If liquid has been spilled in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

NOTE: Dispose of all wastes in accordance with Federal, State and Local regulations.

Contaminated packaging: Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

#### VIII. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation. When using do not smoke.

Storage: Keep in a dry, cool place. Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

Engineering Controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.

Hand: Rubber gloves

Eye: Safety glasses with side-shields. Do not wear contact lenses.

Skin: Chemical resistant apron or protective suit if splashing or contact with solution is likely.

Other: Wash hand before breaks and at end of workday. Handle in accordance with good industrial hygiene and safety practice.

IX. LABELING

D.O.T. Label: NOT regulated by DOT, IATA, IMDG.

MSDS\COUPREP460TC

Miles Chemical Co., Inc. 1240 N. Knollwood Circle, Anaheim, Ca 92801

MATERIAL SAFETY DATA SHEET

N.F.P.A. Rating: Health (1), Flammability (1), Reactivity (0)

I. PRODUCT IDENTIFICATION

Trade name (as labeled): **MICEL COPREP 320-L**

Manufacturer's name: MILES CHEMICAL CO., INCORPORATED

Address: 1240 N. KNOLLWOOD CIRCLE ANAHEIM, CA 92801

Emergency phone: 1-800-424-9300

Business phone: 714/995-3300

Name of preparer\*: Technical Dept.

Date prepared: January 30, 2012

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	Percent*	Exposure Limits in Air
			ACGIH(TLV)   OSHA(PEL)   OTHER

Nonionic water-soluble polymer in emulsion      TWA: 5mg/m<sup>3</sup>

Aqueous solutions or powders that become wet render surfaces extremely slippery.

III. PHYSICAL PROPERTIES

Appearance and odor: Viscous milky liquid with aliphatic odor.  
pH: 6-8 @ 5 g/l

Vapor pressure (mm Hg): 0.0002 @ 20°C

Bulk viscosity (cps): 1200

Approx. bulk density: 1.03

IV. FIRE AND EXPLOSION

Flash Point, F (give method): None.

Auto-ignition temperature, F: Not Applicable

Fire extinguishing materials: Not flammable.

water spray

carbon dioxide

other:

foam

dry chemical

Special fire fighting procedures: No special protective equipment required.

Unusual fire and explosion hazards: Spills produce extremely slippery surfaces.

V. HEALTH AND HAZARD INFORMATION

Skin Contact: May cause skin irritation with susceptible persons.

Eyes: May cause eye irritation with susceptible persons.

Inhalation: Product is not expected to be toxic by inhalation.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.

Skin Contact: Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.

Inhaled: Remove to fresh air.

Swallowed: The product is not considered toxic based on studies on laboratory animals.

California Proposition 65 Information: This product contains a chemical(s) known to the State of California to cause cancer: residual Acrylamide

#### VI. REACTIVITY DATA

Stability:  Stable  Unstable

Incompatibility (materials to avoid): No specific information.

Hazardous decomposition products (including combustion products): Thermal decomposition may produce: Hydrogen chloride gas, nitrogen oxides (NOx), carbon oxides (COx).

Hazardous polymerization:  May occur  Will not occur

#### VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Personal Precautions: No special precautions required.

Environmental precautions: Do not contaminate water.

Methods for cleaning up: Do not flush with water. Soak up with inert absorbent material. If liquid has been spilled in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

NOTE: Dispose of all wastes in accordance with Federal, State and Local regulations.

Contaminated packaging: Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

#### VIII. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation. When using do not smoke.

Storage: Keep in a dry, cool place. Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

Engineering Controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.

Hand: Rubber gloves

Eye: Safety glasses with side-shields. Do not wear contact lenses.

Skin: Chemical resistant apron or protective suit if splashing or contact with solution is likely.

Other: Wash hand before breaks and at end of workday. Handle in accordance with good industrial hygiene and safety practice.

IX. LABELING

D.O.T. Label: NOT regulated by DOT, IATA, IMDG.

MSDS\COPREP460SP

10/09/2006 MON 14:22 FAX 5594850605 LA CHEMICAL - FRESNO → LAB

004/011

**ASHLAND**

## Material Safety Data Sheet

MSDS ID: WT-112C

### \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

#### Product Name: PRAESTOL K148L

Chemical name: Copolymer of Acrylamide with cationic acrylic acid derivative

##### Manufacturer Information

Ashland, Inc. P.O. Box 2219 Columbus, OH 43216 (614) 790-3333	Emergency Telephone Number: 1-800-ASHLAND (1-800-274-5263) 24-hours everyday Regulatory Information Number: 1-800-325-3751 Phone: Non-emergency # (800) 242-2271
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##### General Comments

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving this product. All Non-emergency questions should be directed to the Toll Free, Non-Emergency number above.

### \*\*\* Section 2 - Hazards Identification \*\*\*

##### Emergency Overview

This product is irritating to the eyes, respiratory system and skin.

##### Potential Health Effects: Eyes

Irritant

##### Potential Health Effects: Skin

Irritant

##### Potential Health Effects: Ingestion

May be harmful if swallowed. Seek medical attention.

This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

##### Potential Health Effects: Inhalation

Respiratory irritant, avoid prolonged inhalation of heated vapors.

##### HMIS Ratings: Health: 1 Fire: 1 Reactivity: 0 Pers. Prot.: B

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
69418-26-4	Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-propenamide	25-50
64742-47-8	Petroleum distillates, hydrotreated light	20-30
68213-23-0	Alcohols, C12-18, ethoxylated	1-3
68551-12-2	Alcohols, C12-16, ethoxylated	1-3

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## Material Safety Data Sheet

Product Name: PRAESTOL K148L

MSDS ID: WT-112C

### Component Information/Information on Non-Hazardous Components

OSHA classifies this product as an eye, skin and respiratory irritant under 29 CFR 1910.1200. All components are listed under 40 CFR 700 (TSCA).

### \*\*\* Section 4 - First Aid Measures \*\*\*

#### First Aid: Eyes

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention.

#### First Aid: Skin

Flush thoroughly with water.

#### First Aid: Ingestion

If ingestion of a large amount does occur, seek medical attention.

#### First Aid: Inhalation

Inhalation of mists into lungs may cause pulmonary disorder. Move victim to fresh air. Consult physician regarding any continued discomfort.

### \*\*\* Section 5 - Fire Fighting Measures \*\*\*

#### General Fire Hazards

Petroleum hydrocarbon component, if separated from product, is combustible.

Upper Flammable Limit (UFL): Not determined

Lower Flammable Limit (LFL): Not determined

Method Used: COG

Flash Point: >212°F

Flammability Classification: Not determined

Auto Ignition: Not determined

#### Hazardous Combustion Products

On thermal decomposition oxides of carbon and nitrogen.

#### Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

#### Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### \*\*\* Section 6 - Accidental Release Measures \*\*\*

#### Containment Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal.

#### Clean-Up Procedures

None specified.

#### Evacuation Procedures

None.

#### Special Procedures

Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

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006/011

## Material Safety Data Sheet

Product Name: PRAESTOL K148L

MSDS ID: WT-112C

### \*\*\* Section 7 - Handling and Storage \*\*\*

#### Handling Procedures

Handle as an irritant.

#### Storage Procedures

Keep container lid closed tightly and store in a cool dry place.

### \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

#### Exposure Guidelines

##### A: General Product Information

Petroleum distillates, hydrotreated light (64742-47-8)

ACGIH: 200 mg/m<sup>3</sup> TWA (application restricted to conditions in which there are negligible aerosol exposures)

##### B: Component Exposure Limits

No information is available.

#### Engineering Controls

Provide adequate ventilation to minimize worker exposure.

#### PERSONAL PROTECTIVE EQUIPMENT

##### Personal Protective Equipment: Eyes/Face

Safety glasses or goggles.

##### Personal Protective Equipment: Skin

Skin contact should be minimized. Impervious gloves (rubber or neoprene) are recommended.

##### Personal Protective Equipment: Respiratory

Not required under normal operating conditions.

##### Personal Protective Equipment: General

Avoid prolonged inhalation of heated vapors.

### \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

Appearance:	White viscous liquid	Odor:	Mild hydrocarbon odor
Physical State:	Liquid	pH:	Not established
Vapor Pressure:	Not established	Vapor Density:	Not established
Boiling Point:	Not Established	Melting Point:	Not determined
Solubility (H <sub>2</sub> O):	Water soluble	Specific Gravity:	~1 (water = 1)
Evaporation Rate:	<1 (butyl acetate = 1)	Flash Point:	>212°F (COC)

### \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

#### Chemical Stability

Stable under usual application conditions.

#### Chemical Stability: Conditions to Avoid

None.

#### Incompatibility

None identified.

#### Hazardous Decomposition

None identified.

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007/011

## Material Safety Data Sheet

Product Name: PRAESTOL K148L

MSDS ID: WT-712C

### Hazardous Polymerization

Hazardous polymerization will not occur.

### \*\*\* Section 11 - Toxicological Information \*\*\*

#### Acute and Chronic Toxicity

##### A: General Product Information

Eye and skin irritant. May aggravate existing medical conditions such as rashes, allergies or other sensitive areas. Symptoms may include reddening, swelling of affected areas with possible itching, burning or other discomfort.

##### B: Acute Toxicity/LD50/LC50

Petroleum distillates, hydrotreated light (64742-47-8)

LD50:	Inhalation LC50 Rat: >5.2 mg/L/4H; Oral LD50 Rat: >5000 mg/kg; Dermal LD50 Rabbit: >2000 mg/kg
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#### Carcinogenicity

##### A: General Product Information

NTP: No

IARC: No

OSHA: No

##### B: Component Carcinogenicity

No information is available.

### \*\*\* Section 12 - Ecological Information \*\*\*

#### Ecotoxicity

##### A: General Product Information

Aquatic LC50:

(*Ceriodaphnia Dubia*: 48 hrs): 1.75 ppm

(*Pimephales promelas*: 48 hrs): 11.0 ppm

##### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Petroleum distillates, hydrotreated light (64742-47-8)

96 Hr LC50 *Pimephales promelas*: 45 mg/L [flow-through]; 96 Hr LC50 *Lepomis macrochirus*: 1740 mg/L [static]

#### Environmental Fate

Biological Oxygen Demand (BOD): 383,000 mg/l

Chemical Oxygen Demand (COD): 1,930,000 mg/l

### \*\*\* Section 13 - Disposal Considerations \*\*\*

#### US EPA Waste Number & Descriptions

##### A: General Product Information

Incinerate or dispose of unadulterated product as a non-hazardous waste. Solidify and landfill according to local, state and federal regulations.

##### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

##### Disposal Instructions

Contain and collect using absorbent material if needed. Flush residuals to drain for normal biological treatment.

Place collected material into suitable containers for proper disposal.

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008/011

Product Name: PRAESTOL K148L

## Material Safety Data Sheet

MSDS ID: WT-112C

### \*\*\* Section 14 - Transportation Information \*\*\*

#### International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

### \*\*\* Section 15 - Regulatory Information \*\*\*

#### US Federal Regulations

##### A: General Product Information

##### B: Clean Air Act

No information is available.

##### C: Component Analysis

No information is available.

#### Component Analysis - State

This product contains <0.1% residual acrylamide (CAS # 79-06-1), and the following states recognize acrylamide as a carcinogen or suspected carcinogen: CA (Prop 65), MA, MN, NJ & PA.

#### California Proposition 65

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product contains the following substance(s) known to the state of California to cause cancer:

Component	CAS #
Acrylamide	79-06-1

New Jersey RTK Label Information
Acrylamide 79-06-1

Pennsylvania RTK Label Information
Acrylamide 79-06-1

#### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

#### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-propenamide	59418-26-4	Yes	DSL	No
Petroleum distillates, hydrotreated light	64742-47-8	Yes	DSL	EINECS
Alcohols, C12-18, ethoxylated	68213-23-0	Yes	DSL	No
Alcohols, C12-16, ethoxylated	68551-12-2	Yes	DSL	No

Product #: 923217 Name: PRAESTOL K148L Desc:  
From BRENTAG GPACIFIC INC. To: Wednesday, October 22, 2014

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Product Name: PRAESTOL K148L

## Material Safety Data Sheet

MSDS ID: WT-112C

### \*\*\* Section 16 - Other Information \*\*\*

#### Other Information

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

This is the end of MSDS WT-112C

# MATERIAL SAFETY DATA SHEET

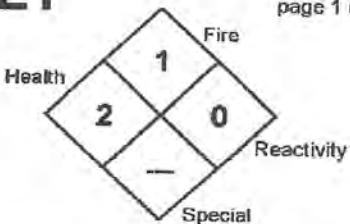
## BRENNNTAG

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Brenntag MSDS #:	BPI-00459
MSDS Revision/Issue Date:	12/11/09
Supersedes Revision Date:	New

NFPA 704 DESIGNATION  
HAZARD RATING

4=Extreme  
3=High  
2=Moderate  
1=Slight  
0=Insignificant



## 1. CHEMICAL PRODUCT IDENTIFICATION & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: LA Chemquest 74X

GENERAL USE: Used as a flocculant in many industrial and paper mill wastewater treatment processes.

PRODUCT DESCRIPTION: An opaque, white liquid having a slight characteristic odor.

INFORMATION PROVIDED BY: Brenntag Pacific, Inc.  
10747 Patterson Place  
Santa Fe Springs, CA 90670

## EMERGENCY PHONE NUMBERS

For MSDS call: PHONE: 526-903-9626

CHEMTREC: 800-424-9300

## 2. COMPOSITION & INFORMATION ON INGREDIENTS

COMPONENT	CAS #	OSHA HAZARD	WT %	ACGIH	OSHA
				TLV(TWA)	PEL(TWA)
				STEL	STEL
Aliphatic Hydrocarbon	Proprietary	Moderate Eye, Skin & Respiratory Irritant; Central Nervous System Effects	25 ± 5	200 mg/m <sup>3</sup>	None
Surfactant	Proprietary	Eye, Skin & Respiratory Irritant	3 ± 2	None	None
Nonionic Surfactant	Proprietary	Eye, Skin & Respiratory Irritant	3 ± 2	None	None

NDA = No Data Available

N/A = Not Applicable

## 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is a white, opaque, viscous liquid having a slight characteristic odor. Contact with the liquid and mists may irritate the eyes & skin. Inhalation of mist or vapor may irritate the respiratory tract. This product may react vigorously with strong oxidizers. Spills of this product are extremely slippery and should be cleaned up promptly.

### POTENTIAL HEALTH EFFECTS

INHALATION: Inhalation of mists or vapors may be slightly or moderately irritating to the nose, mouth, throat, mucous membranes and lungs. Symptoms of exposure may include sneezing, coughing and shortness of breath. Inhalation of high mist concentrations may cause additional symptoms of chest discomfort or pain, central nervous system effects and possible impairment of lung function.

EYE CONTACT: Exposure to the liquid or mists can cause eye irritation. Symptoms of exposure may include tearing, redness, swelling and discomfort or pain. Corneal damage with impairment of vision is not expected to occur, when treated promptly.

SKIN CONTACT: Exposure to the liquid or mists may cause moderate skin irritation. Symptoms of exposure may include redness, possible swelling, an itching sensation and/or discomfort or pain. No published data indicates this product, or its components, may be absorbed through the skin.

INGESTION: Aspiration hazard. This product can enter the lungs and cause severe lung damage during swallowing or vomiting. Otherwise, ingestion may cause moderate irritation to the entire gastrointestinal tract, including the stomach and intestines, characterized by nausea, possible vomiting, diarrhea and/or abdominal pain.

CHRONIC: Repeated and/or prolonged skin exposure to this product may dry the skin and lead to dermatitis. Prolonged or repeated inhalation of the Aliphatic Hydrocarbon vapors can cause central nervous system effects.

IMPORTANT: While Brenntag believes the information contained herein to be accurate, Brenntag makes no representation or warranty, express or implied, regarding, and assumes no liability for, the accuracy or completeness of the information. The Buyer assumes all responsibility for handling, using and/or reselling the Product in accordance with the applicable federal, state, and local law. This MSDS shall not in any way limit or preclude the operation and effect of any of the provisions of Brenntag's terms and conditions of sale.

PRODUCT IDENTIFIER: LA Chemquest 74X

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**4. FIRST AID MEASURES**

**INHALATION:** If inhaled, immediately move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

**EYE CONTACT:** In case of contact, immediately flush eyes with plenty of clean running water for at least 15 minutes, lifting the upper and lower lids occasionally. Remove contact lenses, if worn. Get medical attention.

**SKIN CONTACT:** In case of contact, cleanse affected area thoroughly by washing with mild soap and water. Remove contaminated clothing and shoes and wash before reuse. If irritation occurs and persists, get medical attention.

**INGESTION:** Aspiration hazard. If swallowed, get medical attention immediately. DO NOT induce vomiting or give anything by mouth, unless otherwise directed by medical personnel. If vomited, this material can enter the lungs and cause severe lung damage. If the victim is drowsy or unconscious, lay the victim on their side with the head down.

**NOTE TO PHYSICIANS:** Aspiration hazard. If any of this product is aspirated during swallowing or vomiting, it may cause severe lung injury. Emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration, such as gastric lavage after endotracheal intubation. Treat exposures, other than ingestion, symptomatically.

**5. FIRE FIGHTING MEASURES**

**Flashpoint and Method:** Greater than 200° F. (93.3° C.) Cleveland Open Cup

**Flammable Limits (in air, % by volume)** Lower: No data available Upper: No data available

**Autoignition Temperature:** No data available

**GENERAL HAZARD:** This product is a non-combustible, moderately viscous, oil-water-cationic polymer, liquid emulsion. This product is not a combustible liquid per OSHA or WHMIS criteria, but it will ignite at elevated temperatures and will burn. The Uniform Fire Code health hazard classification for this product is: Irritant. It may produce hazardous vapors and/or hazardous decomposition products.

**FIRE FIGHTING INSTRUCTIONS:**

**EXTINGUISHING MEDIA:** Water fog, foam, CO<sub>2</sub> or dry chemicals.

Use a water spray or fog to cool the containers exposed to the heat of a fire.

**FIRE FIGHTING EQUIPMENT:**

Fire fighters should wear full protective equipment, including self-contained breathing apparatus.

**HAZARDOUS COMBUSTION PRODUCTS:** When heated to decomposition, it emits toxic carbon monoxide, carbon dioxide and nitrogen oxides plus dense, irritating smoke.

**6. ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:** Wearing recommended protective equipment and clothing, dike the spill using soil, sand or compatible commercial absorbent. Pick up the bulk of the liquid using pumps or a vacuum truck for potential recovery and return to the appropriate container. Absorb the remaining liquid using sand or commercial absorbent, dispose as non-hazardous solid waste. Flush the spill area with water; collect rinsates for disposal or sewer, as appropriate.

**WATER SPILL:** Wear recommended protective equipment and clothing if contact with hazardous material can occur. Stop or divert water flow. Dike contaminated water and remove for disposal and/or treatment. As appropriate, notify all downstream users of possible contamination.

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PRODUCT IDENTIFIER: LA Chemquest 74X

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**7. HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** Ambient

**GENERAL:** Store in a cool, dry, well-ventilated area, away from incompatible materials and products. Protect eyes, skin and clothing from contact with this product. Wear recommended personal protective equipment when handling this product. Do not breathe vapors or mists. Use with adequate ventilation. Do not take internally. Wash thoroughly with soap and water after handling this product.

**STORAGE PRESSURE:** Ambient

The empty containers may be hazardous. They may contain organic residues that can be ignited and will burn. Do not cut, puncture, or weld on or near these containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**CONTROL**

Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions, in the work area, below the ACGIH-TLV, OSHA-PEL or levels that may cause irritation or discomfort.

**MEASURES:** **RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATOR:** For exposure above the ACGIH-TLV, OSHA-PEL or levels that may cause irritation or discomfort, wear a NIOSH-approved full facepiece or half mask air-purifying cartridge respirator equipped with a good mist / particulate and organic vapor cartridge, or supplied air.

**EYES:** Wear chemical goggles (recommended by ANSI Z87.1-1979), unless a full facepiece respirator is worn.

**GLOVES:** Wear Nitrile, Viton, Barrier, Silver Shield / 4H or Viton / Butyl Rubber gloves.

**CLOTHING & EQUIPMENT:** If splashing or contact is likely, also wear a Nitrile apron. An eye wash station and safety shower should be available in the work area.

**FOOTWEAR:** If contact is likely, wear Nitrile boots.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Opaque, white, viscous	<b>Bulk Density (pounds/ft<sup>3</sup>):</b>	Not applicable
<b>Physical State:</b>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Slight characteristic	<b>Vapor Density (air=1):</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate (n-Butyl Acetate=1):</b>	No data available
<b>Molecular Formula:</b>	Mixture	<b>VOC Content:</b>	Approximately 250 grams/Liter
<b>Molecular Weight:</b>	Not applicable	<b>% Volatile:</b>	No data available
<b>Boiling Point:</b>	Greater than 100° C. (212° F.)	<b>Solubility in H<sub>2</sub>O:</b>	Dispersible
<b>Freezing/Melting Point:</b>	Less than 0° C. (32° F.)	<b>Octanol/Water Partition Coefficient:</b>	No data available
<b>Specific Gravity:</b>	Approximately 1.0 @ 20° C.	<b>pH (as Is):</b>	No data available
<b>Density (pounds/gallon):</b>	Approximately 8.35	<b>pH (1% solution):</b>	No data available

**10. STABILITY AND REACTIVITY**

**GENERAL:** This product is stable and hazardous polymerization will not occur.

**CONDITIONS TO AVOID:** Do not allow this product to freeze – it can damage the product.

**INCOMPATIBLE MATERIAL:** Strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** When heated to decomposition, it can emit toxic oxides of carbon and nitrogen plus dense, irritating smoke.

**SENSITIVITY TO MECHANICAL IMPACT:** This product is not sensitive to mechanical impact.

**SENSITIVITY TO STATIC DISCHARGE:** This product is not sensitive to static discharge.

**IMPORTANT:** While Brenntag believes the information contained herein to be accurate, Brenntag makes no representation or warranty, express or implied, regarding, and assumes no liability for, the accuracy or completeness of the information. The Buyer assumes all responsibility for handling, using and/or reselling the Product in accordance with the applicable federal, state, and local law. This MSDS shall not in any way limit or preclude the operation and effect of any of the provisions of Brenntag's terms and conditions of sale.

PRODUCT IDENTIFIER: LA Chemquest 74X

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11. TOXICOLOGICAL INFORMATION

(additional toxicological information in section 16)

Components:	<u>Aliphatic Hydrocarbon</u>	Surfactant
Eye Contact:	No data available	No data available
Skin Contact:	No data available	No data available
Oral Rat LD <sub>50</sub> :	Greater than 8,000 mg/kg	1,380 mg/kg
Dermal Rabbit LD <sub>50</sub> :	Greater than 4,000 mg/kg	No data available
Inhalation Rat LC <sub>50</sub> :	Greater than 2,500 ppm/4 hours	No data available
Human Data:	No data available	No data available
Other Toxicological Data:	No data available	No data available
Carcinogenicity:	No data available	No data available
Teratogenicity:	No data available	No data available
Mutagenicity:	No data available	No data available
Synergistic Products:	None reported	No data available
Target Organs:	Eyes, Skin, Mucous membranes & Lungs	None reported
Medical Conditions Aggravated By Exposure:	Skin or Respiratory disorders	Eyes, Skin, Mucous membranes & Lungs
		Skin or Respiratory disorders

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

The environmental fate data for this product is expected to be: BOD – 383,000 mg/liter and COD – 1,930,000 mg/liter..

ENVIRONMENTAL CONSIDERATIONS:

The aquatic toxicity for this product is: 48 hour Pimephales promelas (fathead minnow) LC<sub>50</sub> = 11 mg/liter and 48 hour Daphnia magna (water flea) EC<sub>50</sub> = Greater than 10 mg/liter. Based on a similar product formulation, the 96 hour Brachydanio rerio (zebra fish) LC<sub>50</sub> = 1 – 10 mg/liter.

13. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: Non-Hazardous Waste  
U.S. EPA WASTE NUMBER/DESCRIPTION: Not applicable

If this product is disposed of as shipped, it does not meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D. As a non-hazardous liquid waste, it should be disposed of in accordance with all local, state and federal regulations. Consult state or local officials for proper disposal method.

14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	Not Restricted	Hazard Class:	Not applicable	UN Number:	Not applicable	Packing Group:	Not applicable
		Primary Label:	None Required		Subsidiary Label(s):		None Required
		Primary/Subsidiary Placards:	None Required				
DOT Reportable Quantity (RQ):	Not listed			RQ for Product:	Not applicable		
Marine Pollutant:	No						
2008 North American Emergency Response Guidebook No.:							
TDG PROPER SHIPPING NAME:	NOT RESTRICTED	Hazard Class:	Not applicable	UN Number:	Not applicable	Packing Group:	Not applicable
		Primary Label:	None Required		Subsidiary Label(s):		None Required
		Primary/Subsidiary Placards:	None Required				
TDG Reportable Quantity (RQ): *	Not applicable						
TDG Schedule XII:	Not applicable						
Regulated Limit (RL): **	Not listed			RL for Product:	Not applicable		
Other Shipping Information:	None						

\* Canadian Transportation of Dangerous Goods Regulations (TDGR), Part IX, Table I, Quantities or levels for Immediate Reporting: releases of reportable quantities, RQ, 9.13(1) and 9.14(1).

\*\* Reporting to Environment Canada is required for any releases exceeding the regulated limits, RL, of 9.2 materials (primary or secondary). The regulated limits are found in Schedule XIII of the TDGR.

PRODUCT IDENTIFIER: LA Chemquest 74X

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15. REGULATORY INFORMATION

**COMPONENTS:**

**OSHA Target Organs:**

**Aliphatic Hydrocarbon**

**Surfactant**

**Nonionic Surfactant**

**Carcinogenic Potential:**

Regulated by OSHA:

No

No

No

Listed on NTP Report:

No

No

No

Listed by IARC:

No

No

No

IARC Group:

Not applicable

Not applicable

Not applicable

ACGIH Appendix A:

Not listed

Not listed

Not listed

A1 Confirmed Human:

Not applicable

Not applicable

Not applicable

A2 Suspected Human:

Not applicable

Not applicable

Not applicable

**U.S. EPA Requirements**

**Release Reporting**

**CERCLA (40 CFR 302)**

**Listed Substance:**

Not listed

Not listed

Not listed

Reportable Quantity:

Not applicable

Not applicable

Not applicable

Category:

Not applicable

Not applicable

Not applicable

RCRA Waste No.:

Not applicable

Not applicable

Not applicable

**Unlisted Substance:**

Not applicable

Not applicable

Not applicable

Reportable Quantity:

Not applicable

Not applicable

Not applicable

Characteristic:

Not applicable

Not applicable

Not applicable

RCRA Waste No.:

Not applicable

Not applicable

Not applicable

**SARA TITLE III**

**Section 302 & 303 (40 CFR 355):**

**Listed Substance:**

Not listed

Not listed

Not listed

Reportable Quantity:

Not applicable

Not applicable

Not applicable

Planning Threshold:

Not applicable

Not applicable

Not applicable

**Section 311 & 312 (40 CFR 370):**

Hazard Categories (product):

Fire: N Sudden Release of Pressure: N

Reactive: N

Acute Health: Y Chronic Health: N

Planning threshold:

10,000 pounds

10,000 pounds

10,000 pounds

**Section 313 (40 CFR 372):**

**Listed Toxic Chemical:**

Not listed

Not listed

Not listed

Reporting Threshold:

Not applicable

Not applicable

Not applicable

**U.S. TSCA Status**

**Listed (40 CFR 710):**

Yes

Yes

Yes

**State Regulations**

**State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):**

Carcinogen:

No

No

No

Reproductive Toxin:

No

No

No

**Other Regulations**

**State Right To Know Laws:**

NJ, PA, CA

**Canadian Regulations**

**Product Information:**

Yes

Controlled Product:

Yes

WHMIS Hazard Symbols:

Material Causing Other Toxic Effects

WHMIS Class & Division:

D.2B

**Ingredient Information:**

IDL Substance:

No

No

No

DSL or NDSL Lists:

DSL

DSL

DSL

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PRODUCT IDENTIFIER: **LA Chemquest 74X**

page 6 of 6

**16. OTHER INFORMATION**

EPA Registration number: Not applicable  
Approved Product Uses: Not applicable

**Additional Toxicological Information (continued from section 11):**

Components: **Nonionic Surfactant**  
Eye Contact: No data available  
Skin Contact: No data available  
Oral Rat LD<sub>50</sub>: No data available  
Dermal Rabbit LD<sub>50</sub>: No data available  
Inhalation Rat LC<sub>50</sub>: No data available  
Human Data: No data available  
Other Toxicological Data: No data available  
Carcinogenicity: No data available  
Teratogenicity: No data available  
Mutagenicity: No data available  
Synergistic Products: None reported  
Target Organs: Eyes, Skin, Mucous membranes & Lungs  
Medical Conditions  
Aggravated By Exposure: Skin or Respiratory disorders

**Special Notes:**

This product usually contains a very small amount (less than 0.1%) of Acrylamide and a trace amount (ppm) of Ethylene Oxide, both of which are known to the State of California to cause cancer. This product contains a trace amount (ppm) of Ethylene Oxide, which is known to the State of California, to cause birth defects or other reproductive harm.  
Petroleum and petrochemical products may also contain trace amounts (ppm) of chemicals known to cause cancer and/or birth defects or other reproductive harm. Trace contaminants may be naturally present in the raw materials, may result from the manufacturing process, or the product may become inadvertently contaminated during handling.

**Special Instructions:**

When making solutions, this product can be diluted in line or in a tank and agitator system. If a tank and agitator system is used, add water to the tank until the water level is above the agitator blades. Begin adding the product and the remaining water. Stir until the solution is uniform.

When an agitator is used, care must be taken to not sheer the polymer. An agitator with large blades is recommended so that adequate mixing can be achieved at a relatively low rpm.

Store this product in a cool, dry, well ventilated area away from incompatible materials and products.

**MSDS Revision Information:** Information Revised This Issue Date: **New product MSDS.**  
Form Revision made 2/19/09

MSDS Distributed by: Brenntag Pacific, Inc.

Prepared By:	Edward Doheny	Date Prepared:	December 11, 2009
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This Material Safety Data Sheet is provided as an information resource only. It should not be taken as a warranty or representation for which Brenntag Pacific, Inc. assumes legal liability. While Brenntag Pacific, Inc. believes the information contained herein is accurate and compiled from sources believed to be reliable, it is the responsibility of the user to investigate and verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with applicable federal, state, and local regulations.

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ZapZorb

## Material Safety Data Sheet

MSDS ID: ZT/ZZ

### \*\*\* Section 1 – Chemical Product and Company Identification \*\*\*

**Chemical Name:** Sodium Polyacrylate, Crosslinked

Zappa Tec, LLC  
828 Knox Road  
McLeansville, NC 27301

Phone: (888) 369-8704

Emergency #: (800) 424-9300 CHEMTREC

### \*\*\* Section 2 – Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
9003-04-7	Sodium polyacrylate	>99
Not Available	Post Treated – Trade Secret	0

#### Component Information/Information on Non-Hazardous Components

The components of this product are not regulated as hazardous under 29 CFR and 49 CFR. However, the manufacturer recognizes the potential for respiratory tract irritation as a result of inhalation of this material as a respirable dust. See Sections 8, 11, 14, and 15 for further regulatory information.

### \*\*\* Section 3 – Hazard Identification \*\*\*

#### Emergency Overview

Sodium polyacrylate is a white, granular, odorless polymer that yields a gel-like material with the addition of water. It is insoluble in water and causes extremely slippery conditions when wet. Although not regulated as a hazardous material, the respirable dust is a potential respiratory tract irritant. The manufacturer recommends an eight-hour exposure limit of 0.05 mg/m<sup>3</sup>.

#### Potential Health Effects: Eyes

Dust may cause burning, drying, itching and other discomfort, resulting in reddening of the eyes.

#### Potential Health Effects: Skin

Exposure to the dust, such as in manufacturing, may aggravate existing skin conditions due to drying effect.

#### Potential Health Effects: Ingestion

Although not a likely route of entry, tests have shown that polyacrylate absorbents are non-toxic if ingested. However, as in any instance of non-food consumption, seek medical attention in the event of any adverse symptoms.

#### Potential Health Effects: Inhalation

Exposure to respirable dust may cause respiratory tract and lung irritation and may aggravate existing respiratory conditions.

#### HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic hazard

### \*\*\* Section 4 – First Aid Measures \*\*\*

#### First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes.

#### First Aid: Skin

Remove polyacrylate absorbent dust from skin using soap and water.

#### First Aid: Ingestion

Non-toxic by ingestion. However, if adverse symptoms appear, seek medical attention.

# Material Safety Data Sheet

ZapZorb

MSDS ID: ZT/ZZ

## First Aid: Inhalation

If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.

## \* \* \* Section 5 – Fire Fighting Measures \* \* \*

### General Fire Hazards

No recognized fire hazards associated with the finished product.

**Upper Flammable Limit (UFL): NE**

**Lower Flammable Limit (LFL): NE**

**Method Used:** None

**Flash Point:** None

**Flammability Classification:** None

### Hazardous Combustion Products

None known.

### Extinguishing Media

Dry Chemical, foam, carbon dioxide, water fog. Extremely slippery conditions are created if spilled product comes in contact with water.

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

### NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

## \* \* \* Section 6 – Accidental Release Measures \* \* \*

### Containment Procedures

Sweep or vacuum material when possible and shovel into a waste container.

### Clean-Up Procedures

Use caution after contact of product with water as extremely slippery conditions will result. Residuals may be flushed with water into the drain for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

### Evacuation Procedures

None Required.

### Special Procedures

Avoid respirable dust inhalation during clean-up. Wear appropriate respirator.

## \* \* \* Section 7 – Handling and Storage \* \* \*

### Handling Procedures

Handle as an eye and respiratory tract irritant.

### Storage Procedures

Store in a dry, closed container.

## \* \* \* Section 8 – Exposure Controls / Personal Protection \* \* \*

### Exposure Guidelines

#### A: General Product Information

This product is not regulated as a hazardous material. However, the manufacturer recognizes the potential for respiratory tract irritation and recommends an eight hour exposure limit of 0.05 mg/m<sup>3</sup>.

# Material Safety Data Sheet

ZapZorb

MSDS ID: ZT/ZZ

## B: Component Exposure Limits

No information is available.

## Engineering Controls

Provide local exhaust ventilation to maintain worker exposure to less than 0.5 mg/m<sup>3</sup> over an eight-hour period.

## PERSONAL PROTECTIVE EQUIPMENT

### Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields or goggles.

### Personal Protective Equipment: Skin

Use impervious gloves when handling the product in the manufacturing environment.

### Personal Protective Equipment: Respiratory

Wear respirator with a high efficiency filter if particulate concentrations in the work area exceed 0.05 mg/m<sup>3</sup> over an eight-hour period.

### Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping. Wash thoroughly after handling.

## \* \* \* Section 9 – Physical & Chemical Properties \* \* \*

Appearance:	White granular Powder	Odor:	None
Physical State:	Solid	PH:	5.5-6.5 (1% in water)
Vapor Pressure:	<10 mm Hg	Vapor Density:	NE
Boiling Point:	NE	Melting Point:	>390 F
Solubility (H <sub>2</sub> O):	Not soluble.	Specific Gravity:	0.4-0.7 g/ml
Evaporation Rate:	<1.0		

## \* \* \* Section 10 – Chemical Stability & Reactivity Information \* \* \*

### Chemical Stability

The product is stable.

### Chemical Stability: Conditions to Avoid

None

### Incompatibility

None

### Hazardous Decomposition

None known.

### Hazardous Polymerization

Will not occur.

## \* \* \* Section 11 – Toxicological Information \* \* \*

### Acute and Chronic Toxicity

#### A: General Product Information

Acute inhalation of respirable dust may cause irritation of the upper respiratory tract and lungs.

#### B: Acute Toxicity-LD50/LC50

Sodium polyacrylate (9003-04-7)

LD50: Oral LD50 Rat: 40gm/kg

### Carcinogenicity

#### Component Carcinogenicity

No information is available.

**Chronic Toxicity**

Chronic inhalation exposure to rats for a lifetime (two years) using sodium polyacrylate that had been micronized to a respirable particle size (less than 10 microns) produced non-specific inflammation and chronic lung injury at 0.2 mg/m<sup>3</sup> and 0.8 mg/m<sup>3</sup>. Also, at 0.8 mg/m<sup>3</sup>, tumors were seen in some test animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects detected at 0.05 mg/m<sup>3</sup>.

**Mutagenicity**

Sodium polyacrylate had no effect in mutagenicity tests.

**\*\*\* Section 12 – Ecological Information \*\*\*****Ecotoxicity****A: General Product Information**

Composted polyacrylate absorbents are nontoxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

**B: Component Analysis – Ecotoxicity – Aquatic Toxicity**

No information available.

**Environmental Fate**

Polyacrylate absorbents are relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of polyacrylic absorbents will not affect the performance of wastewater treatment systems.

**\*\*\* Section 13 – Disposal Considerations \*\*\*****US EPA Waste Number & Descriptions****A: General Product Information**

This product is a non-hazardous waste material suitable for approved solid waste landfills.

**B: Component Waste Numbers**

No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions**

Dispose of in accordance with Local, State and Federal regulations.

**\*\*\* Section 14 – Transportation Information \*\*\*****International Transportation Regulations**

This product is not transport regulated.

**\*\*\* Section 15 – Regulatory Information \*\*\*****US Federal Regulations****A: General Product Information**

This product is not Federally regulated as a hazardous material.

**B: Clean Air Act**

No information is available.

**C: Component Analysis**

No information is available.

**D: Food & Drug Administration**

CFR references for the FDA regulated components in this product are listed.

**Sodium polyacrylate (9003-04-7)**

Direct Food Additives: 173.73, 173.310

Indirect Food Additives: 175.105

**State Regulations****A: General Product Information**

This product is not regulated by any State as a hazardous material.

**B: Component Analysis - State**

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

**Component Analysis – WHMIS IDL**

No components are listed in the WHMIS IDL.

**Component Analysis – Inventory**

Component	CAS#	TSCA	CAN	EEC
Sodium polyacrylate	9003-04-7	Yes	DSL	No

**\*\*\* Section 16 – Other Information \*\*\*****Other Information**

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

**Key/Legend**

**Contact:** Product Compliance Officer

**Contact Phone:** (888) 369-8704

**Attachment H:**

**Analytical Summary Table  
& Sample Location Maps**



Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
MCAWW 300.0	Bromide	24959-67-9	mg/Kg	39.5	5 (U)	35.7	67.8	219	151
	Chloride	16887-00-6	mg/Kg	1870	13.3	1320	3200	11200	7860
	Fluoride	16984-48-8	mg/Kg	4.96 (U)	5 (U)	4.98 (U)	9.95 (U)	9.9 (U)	9.98 (U)
	Nitrate as N	14797-55-8	mg/Kg	1.09 (U)	1.1 (U)	1.09 (U)	2.19 (U)	2.18 (U)	2.19 (U)
	Nitrate as NO3	STL00672	mg/Kg	4.96 (U)	5 (U)	4.98 (U)	9.95 (U)	9.9 (U)	9.98 (U)
	Nitrate Nitrite as N	STL00217	mg/Kg	1.49 (U)	1.5 (U)	1.49 (U)	2.99 (U)	149 (U)	2.99 (U)
	Nitrite as N	14797-65-0	mg/Kg	1.49 (U)	1.5 (U)	1.49 (U)	2.99 (U)	149 (U)	2.99 (U)
	Nitrite as NO2	STL00673	mg/Kg	4.96 (U)	5 (U)	4.98 (U)	9.95 (U)	495 (U)	9.98 (U)
	Orthophosphate as P	STL00599	mg/Kg	6.24	1.6 (U)	5.02	3.18 (U)	3.17 (U)	22.2
	Orthophosphorus as PO4	STL00454	mg/Kg	19.1	5 (U)	15.4	9.95 (U)	9.9 (U)	68.1
	Sulfate	14808-79-8	mg/Kg	172	5 (U)	10.6	110	9.9 (U)	13.8
SM4500CI G	Chlorine, Total Residual	STL00076	mg/Kg	0.962 (UJ)	1.02 (UJ)	0.849 (UJ)	0.943 (UJ)	1 (UJ)	0.976 (UJ)
SW1010	Flashpoint	STL00152	Degrees F	201 >	201 >	177 >	201 >	201 >	201 >
SW6010B	Antimony	7440-36-0	mg/Kg	9.85 (U)	9.8 (U)	9.8 (U)	10 (U)	49.3 (U)	9.95 (U)
	Arsenic	7440-38-2	mg/Kg	2.96 (U)	2.94 (U)	2.94 (U)	3 (U)	14.8 (U)	2.99 (U)
	Barium	7440-39-3	mg/Kg	1.48 (U)	1610	1.47 (U)	1080	6990	55.5
	Beryllium	7440-41-7	mg/Kg	0.493 (U)	0.49 (U)	0.49 (U)	0.5 (U)	2.46 (U)	0.498 (U)
	Cadmium	7440-43-9	mg/Kg	0.493 (U)	0.49 (U)	0.49 (U)	0.5 (U)	2.46 (U)	0.498 (U)
	Chromium	7440-47-3	mg/Kg	0.985 (U)	6.94	0.98 (U)	2.69	52.8	0.995 (U)
	Cobalt	7440-48-4	mg/Kg	0.985 (U)	0.98 (U)	0.98 (U)	1 (U)	4.93 (U)	0.995 (U)
	Copper	7440-50-8	mg/Kg	1.97 (U)	10.2	7.14	4.15	157	1.99 (U)
	Lead	7439-92-1	mg/Kg	1.97 (U)	3.21	1.96 (U)	2 (U)	24	1.99 (U)
	Molybdenum	7439-98-7	mg/Kg	1.97 (U)	1.96 (U)	1.96 (U)	2 (U)	9.85 (U)	1.99 (U)
	Nickel	7440-02-0	mg/Kg	1.97 (U)	27.8	1.96 (U)	2 (U)	66.7	1.99 (U)
	Selenium	7782-49-2	mg/Kg	2.96 (U)	2.94 (U)	2.94 (U)	3 (U)	14.8 (U)	2.99 (U)
	Silver	7440-22-4	mg/Kg	1.48 (U)	1.47 (U)	1.47 (U)	1.5 (U)	7.39 (U)	1.49 (U)
	Thallium	7440-28-0	mg/Kg	9.85 (U)	9.8 (U)	9.8 (U)	10 (U)	49.3 (U)	9.95 (U)
	Vanadium	7440-62-2	mg/Kg	0.985 (U)	46.4	0.98 (U)	1 (U)	39.2	0.995 (U)
	Zinc	7440-66-6	mg/Kg	4.93 (U)	23.2	4.9 (U)	13.9	271	4.98 (U)
SW7471A	Mercury	7439-97-6	mg/Kg	0.0196 (U)	0.0752	0.0196 (U)	0.0204 (U)	0.0196 (U)	0.0521
SW8015B	C13-C22	STL00402	mg/Kg		294000	12300	6890	190000	
			mg/L	1680					63.3
	C23-C40	STL00625	mg/Kg		418000	14100	31900	242000	
			mg/L	1400					62.9
	GRO (C4-C12)	STL00350	ug/Kg	198000 (U)	27700000 J	24200000 J	185000	10300000	196000 (U)
SW8260B	1,1-Dichloroethane	75-34-3	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,1-Dichloroethene	75-35-4	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	1,1-Dichloropropene	563-58-6	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,1,1-Trichloroethane	71-55-6	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,1,2-Tetrachloroethane	630-20-6	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	1,1,2-Trichloroethane	79-00-5	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)

J - Laboratory estimate U - Non-detect

Results are reported as they are received from the lab. Results are considered preliminary and subject to additional QA/QC and data validation methods. In the case that no detection was found for a given analyte, the Reporting Limit is given with the lab result qualifier in parentheses.

Legend  
█ Detect  
█ Non-detect

Patriot Environmental  
 MISSION INCIDENT  
 Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,2-Dibromo-3-Chloropropane	96-12-8	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	1,2-Dibromoethane (EDB)	106-93-4	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,2-Dichlorobenzene	95-50-1	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,2-Dichloroethane	107-06-2	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,2-Dichloropropane	78-87-5	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,2,3-Trichlorobenzene	87-61-6	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	1,2,3-Trichloropropane	96-18-4	ug/Kg	4950 (U)	45900 (U)	45000 (U)	2490 (U)	8620 (U)	4900 (U)
	1,2,4-Trichlorobenzene	120-82-1	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	1,2,4-Trimethylbenzene	95-63-6	ug/Kg	990 (U)	393000	359000	498 (U)	115000	980 (U)
	1,3-Dichlorobenzene	541-73-1	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,3-Dichloropropane	142-28-9	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	1,3,5-Trimethylbenzene	108-67-8	ug/Kg	990 (U)	96100	89500	498 (U)	32400	980 (U)
	1,4-Dichlorobenzene	106-46-7	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	2-Chlorotoluene	95-49-8	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	2,2-Dichloropropane	594-20-7	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	4-Chlorotoluene	106-43-4	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Benzene	71-43-2	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	13100	980 (U)
	Bromobenzene	108-86-1	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Bromochloromethane	74-97-5	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Bromodichloromethane	75-27-4	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Bromoform	75-25-2	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Bromomethane	74-83-9	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Carbon tetrachloride	56-23-5	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Chlorobenzene	108-90-7	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Chloroethane	75-00-3	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Chloroform	67-66-3	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Chloromethane	74-87-3	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	cis-1,2-Dichloroethene	156-59-2	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	cis-1,3-Dichloropropene	10061-01-5	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Dibromochloromethane	124-48-1	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Dibromomethane	74-95-3	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Dichlorodifluoromethane	75-71-8	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Ethyl-t-butyl ether (ETBE)	637-92-3	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Ethylbenzene	100-41-4	ug/Kg	990 (U)	46900	43000	498 (U)	30800	980 (U)
	Hexachlorobutadiene	87-68-3	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Isopropyl Ether (DIPE)	108-20-3	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Isopropylbenzene	98-82-8	ug/Kg	990 (U)	30900	29000	498 (U)	11600	980 (U)
	m,p-Xylene	179601-23-1	ug/Kg	990 (U)	210000	197000	498 (U)	122000	980 (U)
	Methyl-t-Butyl Ether (MTBE)	1634-04-4	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Methylene Chloride	75-09-2	ug/Kg	9900 (U)	91700 (U)	90100 (U)	4980 (U)	17200 (U)	9800 (U)

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Patriot Environmental  
 MISSION INCIDENT  
 Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
SW8260B	n-Butylbenzene	104-51-8	ug/Kg	2480 (U)	78100	70000	1240 (U)	15500	2450 (U)
	N-Propylbenzene	103-65-1	ug/Kg	990 (U)	61500	57900	498 (U)	22300	980 (U)
	Naphthalene	91-20-3	ug/Kg	2480 (U)	169000	152000	1240 (U)	27500	2450 (U)
	o-Xylene	95-47-6	ug/Kg	990 (U)	129000	123000	498 (U)	54000	980 (U)
	p-Isopropyltoluene	99-87-6	ug/Kg	990 (U)	69300	64100	63500	11500	980 (U)
	sec-Butylbenzene	135-98-8	ug/Kg	2480 (U)	27200	25200	1240 (U)	8080	2450 (U)
	Styrene	100-42-5	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Tert-amyl-methyl ether (TAME)	994-05-8	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	tert-Butyl alcohol (TBA)	75-65-0	ug/Kg	49500 (U)	459000 (U)	450000 (U)	24900 (U)	86200 (U)	49000 (U)
	tert-Butylbenzene	98-06-6	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Tetrachloroethene	127-18-4	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Toluene	108-88-3	ug/Kg	990 (U)	34200	33700	498 (U)	60500	980 (U)
	trans-1,2-Dichloroethene	156-60-5	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	trans-1,3-Dichloropropene	10061-02-6	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Trichloroethene	79-01-6	ug/Kg	990 (U)	9170 (U)	9010 (U)	498 (U)	1720 (U)	980 (U)
	Trichlorofluoromethane	75-69-4	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Vinyl chloride	75-01-4	ug/Kg	2480 (U)	22900 (U)	22500 (U)	1240 (U)	4310 (U)	2450 (U)
	Xylenes, Total	1330-20-7	ug/Kg	1980 (U)	339000	320000	995 (U)	176000	1960 (U)
SW8270C	1,2-Dichlorobenzene	95-50-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)				1000 (U)	
	1,2-Diphenylhydrazine	122-66-7	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)				2000 (U)	
	1,2,4-Trichlorobenzene	120-82-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)				1000 (U)	
	1,3-Dichlorobenzene	541-73-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)				1000 (U)	
	1,4-Dichlorobenzene	106-46-7	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)				1000 (U)	
	2-Chloronaphthalene	91-58-7	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)				1000 (U)	
	2-Chlorophenol	95-57-8	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)				1000 (U)	
	2-Methylnaphthalene	91-57-6	mg/Kg		989			627	
			ug/Kg			41800	84000 (U)		

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Patriot Environmental  
 MISSION INCIDENT  
 Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
SW8270C	2-Methylnaphthalene	91-57-6	ug/L	13000					1000 (U)
	2-Methylphenol	95-48-7	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	2-Nitroaniline	88-74-4	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	2-Nitrophenol	88-75-5	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	2,4-Dichlorophenol	120-83-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	2,4-Dimethylphenol	105-67-9	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	2,4-Dinitrophenol	51-28-5	mg/Kg		2330 (U)			2410 (U)	
			ug/Kg			28500 (U)	168000 (U)		
			ug/L	20000 (U)					4000 (U)
	2,4-Dinitrotoluene	121-14-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	2,4,5-Trichlorophenol	95-95-4	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	2,4,6-Trichlorophenol	88-06-2	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	2,6-Dinitrotoluene	606-20-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	3-Methylphenol + 4-Methylphenol	106-44-5	mg/Kg		233 (U)			241 (U)	
			ug/Kg			36400	84000 (U)		
			ug/L	5000 (U)					1740
	3-Nitroaniline	99-09-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	3,3'-Dichlorobenzidine	91-94-1	mg/Kg		932 (U)			963 (U)	
			ug/Kg			35900 (U)	211000 (U)		
			ug/L	10000 (U)					2000 (U)
	4-Bromophenyl phenyl ether	101-55-3	mg/Kg		233 (U)			241 (U)	

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Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
SW8270C	4-Bromophenyl phenyl ether	101-55-3	ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	4-Chloro-3-methylphenol	59-50-7	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	4-Chloroaniline	106-47-8	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	4-Chlorophenyl phenyl ether	7005-72-3	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	4-Nitroaniline	100-01-6	mg/Kg		605 (U)			626 (U)	
			ug/Kg			35900 (U)	211000 (U)		
			ug/L	10000 (U)					2000 (U)
	4-Nitrophenol	100-02-7	mg/Kg		2330 (U)			2410 (U)	
			ug/Kg			35900 (U)	211000 (U)		
			ug/L	10000 (U)					2000 (U)
	4,6-Dinitro-2-methylphenol	534-52-1	mg/Kg		932 (U)			963 (U)	
			ug/Kg			18200 (U)	107000 (U)		
			ug/L	10000 (U)					2000 (U)
	Acenaphthene	83-32-9	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Acenaphthylene	208-96-8	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Aniline	62-53-3	mg/Kg		326 (U)			337 (U)	
			ug/Kg			18200 (U)	107000 (U)		
			ug/L	5000 (U)					1000 (U)
	Anthracene	120-12-7	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Benzidine	92-87-5	mg/Kg		466 (U)			482 (U)	
			ug/Kg			57900 (U)	341000 (U)		
			ug/L	20000 (U)					4000 (U)
	Benzo[a]anthracene	56-55-3	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Benzo[a]pyrene	50-32-8	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)

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Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
SW8270C	Benzo[b]fluoranthene	205-99-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Benzo[g,h,i]perylene	191-24-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Benzo[k]fluoranthene	207-08-9	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Benzoic acid	65-85-0	mg/Kg		2330 (U)			2410 (U)	
			ug/Kg			35900 (U)	211000 (U)		
			ug/L	10000 (U)					5850
	Benzyl alcohol	100-51-6	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	bis (2-chloroisopropyl) ether	108-60-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Bis(2-chloroethoxy)methane	111-91-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Bis(2-chloroethyl)ether	111-44-4	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Bis(2-ethylhexyl) phthalate	117-81-7	mg/Kg		1160 (U)			1200 (U)	
			ug/Kg			14300 (U)	102000		
			ug/L	10000 (U)					2000 (U)
	Butyl benzyl phthalate	85-68-7	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	Chrysene	218-01-9	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Di-n-butyl phthalate	84-74-2	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	Di-n-octyl phthalate	117-84-0	mg/Kg		932 (U)			963 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	Dibenz(a,h)anthracene	53-70-3	mg/Kg		466 (U)			482 (U)	
			ug/Kg			18200 (U)	107000 (U)		

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Patriot Environmental  
 MISSION INCIDENT  
 Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
SW8270C	Dibenz(a,h)anthracene	53-70-3	ug/L	10000 (U)					2000 (U)
	Dibenzofuran	132-64-9	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Diethyl phthalate	84-66-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Dimethyl phthalate	131-11-3	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Fluoranthene	206-44-0	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Fluorene	86-73-7	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Hexachlorobenzene	118-74-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Hexachlorobutadiene	87-68-3	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Hexachlorocyclopentadiene	77-47-4	mg/Kg		932 (U)			963 (U)	
			ug/Kg			35900 (U)	211000 (U)		
			ug/L	10000 (U)					2000 (U)
	Hexachloroethane	67-72-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Indeno[1,2,3-cd]pyrene	193-39-5	mg/Kg		466 (U)			482 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	Isophorone	78-59-1	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	N-Nitrosodi-n-propylamine	621-64-7	mg/Kg		233 (U)			241 (U)	
			ug/Kg			10800 (U)	63600 (U)		
			ug/L	5000 (U)					1000 (U)
	N-Nitrosodimethylamine	62-75-9	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	N-Nitrosodiphenylamine	86-30-6	mg/Kg		233 (U)			241 (U)	

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Patriot Environmental  
 MISSION INCIDENT  
 Analytical Lab Results - Frac Tank and Poly Tank Samples

Location Type / Location / Sample Date / Sample ID

Analytical Method	Analyte	CAS NO	Units	Frac Tank & Poly Tank					
				1468 12/16/14	35792 12/16/14	251526 12/15/14	256093 12/15/14	FT095 12/16/14	PT008 12/15/14
SW8270C	N-Nitrosodiphenylamine	86-30-6	ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Naphthalene	91-20-3	mg/Kg		427				285
			ug/Kg			18400	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Nitrobenzene	98-95-3	mg/Kg		932 (U)			963 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	10000 (U)					2000 (U)
	Pentachlorophenol	87-86-5	mg/Kg		932 (U)			963 (U)	
			ug/Kg			35900 (U)	211000 (U)		
			ug/L	10000 (U)					2000 (U)
	Phenanthrene	85-01-8	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
	Phenol	108-95-2	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1050
	Pyrene	129-00-0	mg/Kg		233 (U)			241 (U)	
			ug/Kg			14300 (U)	84000 (U)		
			ug/L	5000 (U)					1000 (U)
SW9045C	pH	STL00204	SU	8.2	6.06	7.54	7.82	6.51	6.86

J - Laboratory estimate U - Non-detect

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Legend

- █ Detect
- Non-detect



0 50 100 Feet



Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Tote Samples

Location Type / Location / Sample Date / Sample ID															
Tote Tanks															
			TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14	
<b>Analytical Method</b>	<b>Analyte</b>	<b>CAS NO</b>	<b>Units</b>	SACA1123TT001	SACA1123TT002	SACA1123TT003	SACA1123TT004	SACA1123TT005	SACA1123TT006	SACA1126TT008	SACA1126TT009	SACA1126TT011	SACA1126TT012	SACA1126TT013	1216-T38
<b>MCAWW 300.0</b>	Bromide	24959-67-9	mg/Kg						1350 (U)	50000 (U)		50000 (U)	500000 (U)	495 (U)	
			mg/L							50 (U)					
	Chloride	16887-00-6	mg/Kg						1350 (U)	71200		63700	783000	495 (U)	
			mg/L							15600					
	Fluoride	16984-48-8	mg/Kg						3930	50000 (U)		50000 (U)	500000 (U)	495 (U)	
			mg/L							50 (U)					
	Nitrate as N	14797-55-8	mg/Kg						297 (U)	11000 (U)		11000 (U)	110000 (U)	109 (U)	
			mg/L							11 (U H)					
	Nitrate as NO3	STL00672	mg/Kg						1350 (U)	50000 (U)		50000 (U)	500000 (U)	495 (U)	
			mg/L							50 (U H)					
<b>SM4500CI G</b>	Nitrate Nitrite as N	STL00217	mg/Kg						406 (U)	15000 (U)		15000 (U)	150000 (U)	149 (U)	
			mg/L							75 (U H)					
	Nitrite as N	14797-65-0	mg/Kg						406 (U)	15000 (U)		15000 (U)	150000 (U)	149 (U)	
			mg/L							75 (U H)					
	Nitrite as NO2	STL00673	mg/Kg						1350 (U)	50000 (U)		50000 (U)	500000 (U)	495 (U)	
			mg/L							250 (U H)					
	Orthophosphate as P	STL00599	mg/Kg						6830	16000 (U)		16000 (U)	160000 (U)	158 (U)	
			mg/L							16 (U H)					
	Orthophosphorus as PO4	STL00454	mg/Kg						20900	50000 (U)		50000 (U)	500000 (U)	495 (U)	
			mg/L							50 (U H)					
<b>SW1010</b>	Sulfate	14808-79-8	mg/Kg						4580	50000 (U)		50000 (U)	500000 (U)	495 (U)	
			mg/L							166					
	Chlorine, Tot..	STL00076	mg/L								1.2 HF 1.22				
	Flashpoint	STL00152	Degrees F											93.2	
<b>SW6010B</b>	Antimony	7440-36-0	mg/Kg						20.5 (U)	27.1 (U)	9.95 (U)		9.85 (U)	9.9 (U)	9.8 (U)
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)			0.1 (U)				
	Arsenic	7440-38-2	mg/Kg						6.15 (U)	8.13 (U)	2.99 (U)		2.96 (U)	2.97 (U)	2.94 (U)
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)			0.1 (U)				
	Barium	7440-39-3	mg/Kg						4.67	13.6	1.49 (U)		1.48 (U)	1.49 (U)	333
	Beryllium	7440-41-7	mg/Kg						1.03 (U)	1.36 (U)	0.498 (U)		0.493 (U)	0.495 (U)	0.49 (U)

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**Legend**  
█ Detect  
█ Non-detect

Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Tote Samples

Location Type / Location / Sample Date / Sample ID

Tote Tanks

			TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14		
Analytical Method	Analyte	CAS NO	Units	SACAA1123TT001	SACAA1123TT002	SACAA1123TT003	SACAA1123TT004	SACAA1123TT005	SACAA1123TT006	SACAA1123TT008	SACAA1126TT009	SACAA1126TT011	SACAA1126TT012	SACAA1126TT013	1216-T38	
SW6010B	Beryllium	7440-41-7	mg/L	0.01 (U)		0.01 (U)	0.01 (U)	0.01 (U)				0.02 (U)				
	Cadmium	7440-43-9	mg/Kg						1.03 (U)	1.36 (U)	0.498 (U)		0.493 (U)	0.495 (U)	0.49 (U)	
			mg/L	0.025 (U)		0.025 (U)	0.025 (U)	0.025 (U)								
	Chromium	7440-47-3	mg/Kg						2.05 (U)	9.65	0.995 (U)		0.985 (U)	0.99 (U)	1.38	
			mg/L	0.025 (U)		0.025 (U)	0.025 (U)	0.025 (U)				0.05 (U)				
	Cobalt	7440-48-4	mg/Kg						2.05 (U)	2.71 (U)	0.995 (U)		0.985 (U)	0.99 (U)	0.98 (U)	
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)				0.1 (U)				
	Copper	7440-50-8	mg/Kg						4.1 (U)	61	2.73			2.83	1.98 (U)	2
			mg/L	0.05 (U)		0.0657	0.05 (U)	0.239				0.1 (U)				
	Lead	7439-92-1	mg/Kg						4.1 (U)	5.42 (U)	1.99 (U)		1.97 (U)	1.98 (U)	1.96 (U)	
			mg/L	0.025 (U)		0.025 (U)	0.025 (U)	0.025 (U)				0.05 (U)				
	Molybdenum	7439-98-7	mg/Kg						4.1 (U)	5.42 (U)	1.99 (U)		1.97 (U)	1.98 (U)	1.96 (U)	
			mg/L	0.1 (U)		0.1 (U)	0.1 (U)	0.1 (U)				0.2 (U)				
	Nickel	7440-02-0	mg/Kg						4.1 (U)	5.42 (U)	1.99 (U)		1.97 (U)	1.98 (U)	5.67	
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)				0.1 (U)				
SW7470A	Selenium	7782-49-2	mg/Kg						6.15 (U)	8.13 (U)	2.99 (U)		2.96 (U)	2.97 (U)	2.94 (U)	
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)				0.1 (U)				
SW7471A	Silver	7440-22-4	mg/Kg						3.08 (U)	4.07 (U)	1.49 (U)		1.48 (U)	1.49 (U)	1.47 (U)	
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)				0.1 (U)				
SW8015B	Thallium	7440-28-0	mg/Kg						20.5 (U)	27.1 (U)	9.95 (U)		9.85 (U)	9.9 (U)	9.8 (U)	
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)				0.1 (U)				
C13-C22	Vanadium	7440-62-2	mg/Kg						2.05 (U)	6.11	0.995 (U)		0.985 (U)	0.99 (U)	9.14	
			mg/L	0.05 (U)		0.05 (U)	0.05 (U)	0.05 (U)				0.1 (U)				
C23-C40	Zinc	7440-66-6	mg/Kg						10.3 (U)	743 B	4.98 (U)		4.93 (U)	4.95 (U)	4.95	
			mg/L	0.1 (U)		0.358	0.217	0.1 (U)				0.2 (U)				
Mercury	Mercury	7439-97-6	mg/L	0.0002 (U)		0.000409	0.000237	0.0002 (U)				0.0008 (U)				
Mercury	Mercury	7439-97-6	mg/Kg						0.183	0.0553 (U)	0.02 (U)		0.0196 (U)	0.0196 (U)	0.023	
STL00402	C13-C22	STL00402	mg/Kg						13200	2010 (U)	14000 (U)		13600 (U)	47000	11900	
			mg/L	0.508 (U)	0.719 (U)	0.503 (U)	0.535 (U)	26.7				0.667				
STL00625	C23-C40	STL00625	mg/Kg						29000	8910	14000 (U)		13600 (U)	111000	6730	
			mg/L	0.508 (U)	0.932 J	0.503 (U)	0.535 (U)	10.5 (U)				0.562 (U)				

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Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Tote Samples

Location Type / Location / Sample Date / Sample ID

Tote Tanks

		TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14		
Analytical Method	Analyte	CAS NO	Units	SACAA123TT001	SACAA123TT002	SACAA123TT003	SACAA123TT004	SACAA123TT005	SACAA123TT006	SACAA123TT008	SACAA126TT009	SACAA126TT011	SACAA126TT012	SACAA126TT013	1216-T38
SW8015B	GRO (C4-C12)	STL00350	ug/Kg					1760000	216000 (U)	1190000		1090000	2160000	600000000	
			ug/L	50 (U)	154	391	395	13700			1290				
SW8260B	1,1-Dichloroet..	75-34-3	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,1-Dichloroet..	75-35-4	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	1,1-Dichlorop..	563-58-6	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,1,1-Trichlor..	71-55-6	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,1,1,2-Tetrac..	630-20-6	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	1,1,2-Trichlor..	79-00-5	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,1,2,2-Tetrac..	79-34-5	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,2-Dibromo-..	96-12-8	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	1,2-Dibromoet hane (EDB)	106-93-4	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,2-Dichlorob..	95-50-1	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,2-Dichloroet..	107-06-2	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,2-Dichlorop..	78-87-5	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,2,3-Trichlor..	87-61-6	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	1,2,3-Trichlor..	96-18-4	ug/Kg						17900 (U)	2700 (U)	47.2 (U)		53.2 (U)	47.2 (U)	9800000 (U)
			ug/L	10 (U)	10 (U)	10 (U)	10 (U)	200 (U)			10 (U)				
	1,2,4-Trichlor..	120-82-1	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)

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			TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14	
Analytical Method	Analyte	CAS NO	Units	SACA1123TT001	SACA1123TT002	SACA1123TT003	SACA1123TT004	SACA1123TT005	SACA1123TT006	SACA1123TT008	SACA1126TT009	SACA1126TT011	SACA1126TT012	SACA1126TT013	1216-T38
SW8260B	1,2,4-Trichlor..	120-82-1	ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	1,2,4-Trimeth..	95-63-6	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,3-Dichlorob..	541-73-1	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,3-Dichlorop..	142-28-9	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,3,5-Trimeth..	108-67-8	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	1,4-Dichlorob..	106-46-7	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	2-Chlorotolue..	95-49-8	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	2,2-Dichlorop..	594-20-7	ug/Kg						7160 (U)	1080 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	4-Chlorotolue..	106-43-4	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
Benzene	71-43-2	ug/Kg							3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
Bromobenzene	108-86-1	ug/Kg							8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
Bromochloro..	74-97-5	ug/Kg							8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
Bromodichlor..	75-27-4	ug/Kg							3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
Bromoform	75-25-2	ug/Kg							8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U *)
			ug/L	11.8	5 (U)	12.3	18.5	100 (U)			18.6				
Bromometha..	74-83-9	ug/Kg							8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
Carbon tetrachloride	56-23-5	ug/Kg							8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				

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Analytical Method	Analyte	CAS NO	Units	SACA1123TT001	SACA1123TT002	SACA1123TT003	SACA1123TT004	SACA1123TT005	SACA1123TT006	SACA1126TT008	SACA1126TT009	SACA1126TT011	SACA1126TT012	SACA1126TT013	1216-T38
SW8260B	Chlorobenzene	108-90-7	ug/Kg					3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)	
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	Chloroethane	75-00-3	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	Chloroform	67-66-3	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	Chlorometha..	74-87-3	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	cis-1,2-Dichlo..	156-59-2	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	cis-1,3-Dichlo..	10061-01-5	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	Dibromochlor..	124-48-1	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			3.12				
	Dibromometh..	74-95-3	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	Dichlorodifluo..	75-71-8	ug/Kg						8950 (U)	1350 (U)	23.6 (U *)		26.6 (U *)	23.6 (U *)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	Ethyl-t-butyl ether (ETBE)	637-92-3	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	Ethylbenzene	100-41-4	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	54200000
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	Hexachlorobu..	87-68-3	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	Isopropyl Ether (DIPE)	108-20-3	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	Isopropylbenz..	98-82-8	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	m,p-Xylene	179601-23-1	ug/Kg						7160 (U)	1080 (U)	9.43 (U)		10.6 (U)	9.43 (U)	139000000
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	Methyl-t-Butyl	1634-04-4	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)

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Legend

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Analytical Lab Results - Tote Samples

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Analytical Method SW8260B	Analyte	CAS NO	Units	Tote Tanks											
				TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14
	Methyl-t-Butyl Ether (MTBE)	1634-04-4	ug/L	1 (U)	1 (U)	1 (U)	1 (U)	20 (U)				1 (U)			
	Methylene Chloride	75-09-2	ug/Kg						35800 (U)	5400 (U)	94.3 (U)		106 (U)	94.3 (U)	1960000 (U)
	n-Butylbenze..	104-51-8	ug/Kg		5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)			
	N-Propylbenz..	103-65-1	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
	Naphthalene	91-20-3	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
	o-Xylene	95-47-6	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
	p-Isopropyltol..	99-87-6	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	58800000 (U)
	sec-Butylben..	135-98-8	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
	Styrene	100-42-5	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
	Tert-amyl-methyl ether (..	994-05-8	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
	tert-Butyl alcohol (TBA)	75-65-0	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
	tert-Butylbenz..	98-06-6	ug/Kg						179000 (U)	27000 (U)	472 (U)		532 (U)	472 (U)	98000000 (U)
	Tetrachloroet..	127-18-4	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
	Toluene	108-88-3	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
	trans-1,2-Dic..	156-60-5	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
	trans-1,3-Dic..	10061-02-6	ug/Kg						3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)				2 (U)			

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Tote Tanks

		TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14		
Analytical Method	Analyte	CAS NO	Units	SACAA1123TT001	SACAA1123TT002	SACAA1123TT003	SACAA1123TT004	SACAA1123TT005	SACAA1123TT006	SACAA1126TT008	SACAA1126TT009	SACAA1126TT011	SACAA1126TT012	SACAA1126TT013	1216-T38
SW8260B	Trichloroethe..	79-01-6	ug/Kg					3580 (U)	540 (U)	9.43 (U)		10.6 (U)	9.43 (U)	1960000 (U)	
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
	Trichlorofluor..	75-69-4	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	Vinyl chloride	75-01-4	ug/Kg						8950 (U)	1350 (U)	23.6 (U)		26.6 (U)	23.6 (U)	4900000 (U)
			ug/L	5 (U)	5 (U)	5 (U)	5 (U)	100 (U)			5 (U)				
	Xylenes, Total	1330-20-7	ug/Kg						7160 (U)	1080 (U)	18.9 (U)		21.3 (U)	18.9 (U)	198000000 (U)
			ug/L	2 (U)	2 (U)	2 (U)	2 (U)	40 (U)			2 (U)				
SW8270C	1,2-Dichlorob..	95-50-1	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)				
	1,2-Diphenylh..	122-66-7	mg/Kg							938 (U)		935 (U)	971 (U)	4970 (U)	
			ug/Kg						74700 (U)	53700 (U)					
			ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)			117 (U)				
	1,2,4-Trichlor..	120-82-1	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)				
	1,3-Dichlorob..	541-73-1	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)				
	1,4-Dichlorob..	106-46-7	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)				
	2-Chloronaph..	91-58-7	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)				
	2-Chlorophen..	95-57-8	mg/Kg							469 (U *)		467 (U *)	486 (U *)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)					
			ug/L	R	48.2 (U)	R	R	416 (U)			58.4 (U)				
	2-Methylnaph..	91-57-6	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)					

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Tote Tanks

			TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14		
Analytical Method	Analyte	CAS NO	Units	SACA1123TT001	SACA1123TT002	SACA1123TT003	SACA1123TT004	SACA1123TT005	SACA1123TT006	SACA1123TT008	SACA1126TT009	SACA1126TT011	SACA1126TT012	SACA1126TT013	1216-T38	
SW8270C	2-Methylnaph..	91-57-6	ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)				
	2-Methylphen..	95-48-7	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	R	48.2 (U)	R	R	416 (U)			58.4 (U)					
	2-Nitroaniline	88-74-4	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)			117 (U)					
	2-Nitrophenol	88-75-5	mg/Kg						74700 (U)	53700 (U)			467 (U)	486 (U)	2480 (U)	
			ug/Kg							469 (U)						
			ug/L	R	48.2 (U)	R	R	416 (U)			58.4 (U)					
	2,4-Dichlorop..	120-83-2	mg/Kg							469 (U *)		467 (U *)	486 (U *)	2480 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	R	48.2 (U)	R	R	416 (U)			58.4 (U)					
	2,4-Dimethylp..	105-67-9	mg/Kg							938 (U *)		935 (U *)	971 (U *)	4970 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	R	96.4 (U)	R	R	832 (U)			117 (U)					
	2,4-Dinitroph..	51-28-5	mg/Kg							4690 (U)		4670 (U)	4860 (U)	24800 (U)		
			ug/Kg						149000 (U)	107000 (U)						
			ug/L	R	193 (U)	R	R	1660 (U)			234 (U)					
	2,4-Dinitrotolu..	121-14-2	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)					
	2,4,5-Trichlor..	95-95-4	mg/Kg							469 (U *)		467 (U *)	486 (U *)	2480 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	R	96.4 (U)	R	R	832 (U)			117 (U)					
	2,4,6-Trichlor..	88-06-2	mg/Kg							938 (U *)		935 (U *)	971 (U *)	4970 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	R	96.4 (U)	R	R	832 (U)			117 (U)					
	2,6-Dinitrotolu..	606-20-2	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)		
			ug/Kg						74700 (U)	53700 (U)						
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)					

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Analytical Method	Analyte	CAS NO	Units	SACA1123TT001	SACA1123TT002	SACA1123TT003	SACA1123TT004	SACA1123TT005	SACA1123TT006	SACA1123TT008	SACA1126TT009	SACA1126TT011	SACA1126TT012	SACA1126TT013	1216-T38	
SW8270C	3-Methylphenol + 4-Methylphenol	106-44-5	mg/Kg ug/Kg ug/L	R	48.2 (U)	R	R	416 (U)	74700 (U)	53700 (U)		469 (U *)	467 (U *)	486 (U *)	2480 (U)	
	3-Nitroaniline	99-09-2	mg/Kg ug/Kg ug/L						74700 (U)	53700 (U)		58.4 (U)				
												469 (U)	467 (U)	486 (U)	2480 (U)	
	3,3'-Dichlorob..	91-94-1	mg/Kg ug/Kg ug/L									117 (U)				
									188000 (U)	135000 (U)		1880 (U)		1870 (U)	1940 (U)	9930 (U)
	4-Bromophenyl phenyl ether	101-55-3	mg/Kg ug/Kg ug/L									469 (U *)		467 (U *)	486 (U *)	2480 (U)
									74700 (U)	53700 (U)		58.4 (U)				
	4-Chloro-3-m..	59-50-7	mg/Kg ug/Kg ug/L									938 (U)		935 (U)	971 (U)	4970 (U)
									74700 (U)	53700 (U)		117 (U)				
	4-Chloroaniline	106-47-8	mg/Kg ug/Kg ug/L									469 (U)		467 (U)	486 (U)	2480 (U)
									74700 (U)	53700 (U)		58.4 (U)				
	4-Chlorophenyl phenyl ether	7005-72-3	mg/Kg ug/Kg ug/L									469 (U)		467 (U)	486 (U)	2480 (U)
									74700 (U)	53700 (U)		58.4 (U)				
	4-Nitroaniline	100-01-6	mg/Kg ug/Kg ug/L									1220 (U)		1210 (U)	1260 (U)	6450 (U)
									188000 (U)	135000 (U)		117 (U)				
	4-Nitrophenol	100-02-7	mg/Kg ug/Kg ug/L									4690 (U)		4670 (U)	4860 (U)	24800 (U)
									188000 (U)	135000 (U)		117 (U)				
	4,6-Dinitro-2-..	534-52-1	mg/Kg ug/Kg ug/L									1880 (U)		1870 (U)	1940 (U)	9930 (U)
									95100 (U)	68300 (U)		117 (U)				
	Acenaphthene	83-32-9	mg/Kg									469 (U)		467 (U)	486 (U)	2480 (U)

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Analytical Method	Analyte	CAS NO	Units	SACA1123TT001	SACA1123TT002	SACA1123TT003	SACA1123TT004	SACA1123TT005	SACA1123TT006	SACA1126TT008	SACA1126TT009	SACA1126TT011	SACA1126TT012	SACA1126TT013
SW8270C	Acenaphthene	83-32-9	ug/Kg					74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)			
	Acenaphthylene..	208-96-8	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)
			ug/Kg					74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)			
Aniline		62-53-3	mg/Kg							656 (U)		654 (U)	680 (U)	3480 (U)
			ug/Kg					95100 (U)	68300 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)			
Anthracene		120-12-7	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)
			ug/Kg					74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)			
Benzidine		92-87-5	mg/Kg							938 (U)		935 (U)	971 (U)	4970 (U)
			ug/Kg					303000 (U)	218000 (U)					
			ug/L	40.4 (U)	193 (UJ)	43.7 (U)	42.6 (U)	1660 (U)			234 (U)			
Benzo[a]anthr..		56-55-3	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)
			ug/Kg					74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)			
Benzo[a]pyre..		50-32-8	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)
			ug/Kg					74700 (U *)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (UJ)	10.6 (UJ)	416 (U)			58.4 (U)			
Benzo[b]fluor..		205-99-2	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)
			ug/Kg					74700 (U *)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (UJ)	10.6 (UJ)	416 (U)			58.4 (U)			
Benzo[g,h,i]p..		191-24-2	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)
			ug/Kg					74700 (U *)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (UJ)	10.6 (UJ)	416 (U)			58.4 (U)			
Benzo[k]fluor..		207-08-9	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)
			ug/Kg					74700 (U *)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (UJ)	10.6 (UJ)	416 (U)			58.4 (U)			
Benzoic acid		65-85-0	mg/Kg							4690 (U)		4670 (U)	4860 (U)	24800 (U)
			ug/Kg					188000 (U)	942000					

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Legend  
█ Detect  
█ Non-detect

Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Tote Samples

Location Type / Location / Sample Date / Sample ID

Tote Tanks

		TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14		
Analytical Method	Analyte	CAS NO	Units	SACAA1123TT001	SACAA1123TT002	SACAA1123TT003	SACAA1123TT004	SACAA1123TT005	SACAA1123TT006	SACAA1126TT008	SACAA1126TT009	SACAA1126TT011	SACAA1126TT012	SACAA1126TT013	1216-T38
SW8270C	Benzoic acid	65-85-0	ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)			117 (U)				
	Benzyl alcohol	100-51-6	mg/Kg							938 (U)		935 (U)	971 (U)	4970 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)			117 (U)					
	bis (2-chloroisopropyl) ether	108-60-1	mg/Kg							469 (U *)		467 (U *)	486 (U *)	2480 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)					
	Bis(2-chloroethyl)	111-91-1	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)					
	Bis(2-chloroethyl)	111-44-4	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)					
	Bis(2-ethylhexyl) phthalate	117-81-7	mg/Kg							2340 (U)		2340 (U)	2430 (U)	12400 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	20.2 (U)	145 J	21.9 (U)	21.3 (U)	832 (U)			117 (U)					
	Butyl benzyl phthalate	85-68-7	mg/Kg							938 (U)		935 (U)	971 (U)	4970 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)			117 (U)					
	Chrysene	218-01-9	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)			58.4 (U)					
	Di-n-butyl phthalate	84-74-2	mg/Kg							938 (U)		935 (U)	971 (U)	4970 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)			117 (U)					
	Di-n-octyl phthalate	117-84-0	mg/Kg							1880 (U)		1870 (U)	1940 (U)	9930 (U)	
		ug/Kg						74700 (U)	53700 (U)						
		ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)			117 (U)					
	Dibenz(a,h)a..	53-70-3	mg/Kg							938 (U)		935 (U)	971 (U)	4970 (U)	
		ug/Kg						95100 (U *)	68300 (U)						
		ug/L	20.2 (U)	96.4 (UJ)	21.9 (UJ)	21.3 (UJ)	832 (U)			117 (U)					

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Legend  
█ Detect  
█ Non-detect

Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Tote Samples

Location Type / Location / Sample Date / Sample ID

Tote Tanks

		TT001 11/23/14	TT002 11/23/14	TT003 11/23/14	TT004 11/23/14	TT005 11/23/14	TT006 11/23/14	TT008 11/26/14	TT009 11/26/14	TT011 11/26/14	TT012 11/26/14	TT013 11/26/14	TT038 12/16/14		
Analytical Method	Analyte	CAS NO	Units	SACAA1123TT001	SACAA1123TT002	SACAA1123TT003	SACAA1123TT004	SACAA1123TT005	SACAA1123TT006	SACAA1126TT008	SACAA1126TT009	SACAA1126TT011	SACAA1126TT012	SACAA1126TT013	1216-T38
SW8270C	Dibenzofuran	132-64-9	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg					74700 (U)	53700 (U)		58.4 (U)				
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				467 (U)	486 (U)	2480 (U)	
	Diethyl phthalate	84-66-2	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg					74700 (U)	53700 (U)		58.4 (U)				
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				467 (U)	486 (U)	2480 (U)	
	Dimethyl phthalate	131-11-3	mg/Kg						74700 (U)	53700 (U)		469 (U)	467 (U)	486 (U)	2480 (U)
			ug/Kg									58.4 (U)			
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				467 (U)	486 (U)	2480 (U)	
	Fluoranthene	206-44-0	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)		58.4 (U)			
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				467 (U)	486 (U)	2480 (U)	
	Fluorene	86-73-7	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)		58.4 (U)			
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				467 (U)	486 (U)	2480 (U)	
	Hexachlorobenzene	118-74-1	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)		58.4 (U)			
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				467 (U)	486 (U)	2480 (U)	
	Hexachlorobutadiene	87-68-3	mg/Kg							469 (U)		467 (U)	486 (U)	2480 (U)	
			ug/Kg						74700 (U)	53700 (U)		58.4 (U)			
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				467 (U)	486 (U)	2480 (U)	
	Hexachlorocyclohexane	77-47-4	mg/Kg							188000 (U)	135000 (U)	1880 (U)	1870 (U)	1940 (U)	9930 (U)
			ug/Kg									117 (U)			
			ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)				469 (U)	467 (U)	486 (U)	2480 (U)
	Hexachloroethane	67-72-1	mg/Kg							74700 (U)	53700 (U)		58.4 (U)		
			ug/Kg									469 (U)	467 (U)	486 (U)	2480 (U)
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)			
	Indeno[1,2,3- <i>cd</i> ]perylene	193-39-5	mg/Kg								938 (U)		935 (U)	971 (U)	4970 (U)
			ug/Kg							74700 (U *)	53700 (U)		117 (U)		
			ug/L	20.2 (U)	96.4 (UJ)	21.9 (UJ)	21.3 (UJ)	832 (U)				469 (U *)	467 (U *)	486 (U *)	2480 (U)
	Isophorone	78-59-1	mg/Kg									469 (U *)	467 (U *)	486 (U *)	2480 (U)

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Legend  
█ Detect  
█ Non-detect

Patriot Environmental  
MISSION INCIDENT  
Analytical Lab Results - Tote Samples

				Location Type / Location / Sample Date / Sample ID											
				Tote Tanks											
Analytical Method	Analyte	CAS NO	Units	TT001	TT002	TT003	TT004	TT005	TT006	TT008	TT009	TT011	TT012	TT013	TT038
				SACA1123TT001	SACA1123TT002	SACA1123TT003	SACA1123TT004	SACA1123TT005	SACA1123TT006	SACA1123TT008	SACA1126TT009	SACA1126TT011	SACA1126TT012	SACA1126TT013	1216-T38
SW8270C	Isophorone	78-59-1	ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)			
			mg/Kg								469 (U)		467 (U)	486 (U)	2480 (U)
N-Nitrosodi-n-..	621-64-7		ug/Kg						56600 (U)	40700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)			
			mg/Kg								469 (U)		467 (U)	486 (U)	2480 (U)
N-Nitrosodim..	62-75-9		ug/Kg						74700 (U)	53700 (U)					
			ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)				117 (U)			
			mg/Kg						74700 (U)	53700 (U)					
N-Nitrosodiphenylamine..	86-30-6		ug/Kg								469 (U)		467 (U)	486 (U)	2480 (U)
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)			
			mg/Kg								469 (U)		467 (U)	486 (U)	2480 (U)
Naphthalene	91-20-3		ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)			
			mg/Kg								469 (U)		467 (U)	486 (U)	2480 (U)
Nitrobenzene	98-95-3		ug/Kg						74700 (U)	53700 (U)					
			ug/L	20.2 (U)	96.4 (UJ)	21.9 (U)	21.3 (U)	832 (U)				117 (U)			
			mg/Kg								1880 (U *)		1870 (U *)	1940 (U *)	9930 (U)
Pentachlorophenol..	87-86-5		ug/Kg						188000 (U)	135000 (U)					
			ug/L	R	96.4 (U)	R	R	832 (U)				117 (U)			
			mg/Kg								1880 (U)		1870 (U)	1940 (U)	9930 (U)
Phenanthrene	85-01-8		ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)			
			mg/Kg								469 (U)		467 (U)	486 (U)	2480 (U)
Phenol	108-95-2		ug/Kg						74700 (U)	53700 (U)					
			ug/L	R	48.2 (U)	R	R	416 (U)				58.4 (U)			
			mg/Kg								469 (U *)		467 (U *)	486 (U *)	2480 (U)
Pyrene	129-00-0		ug/Kg						74700 (U)	53700 (U)					
			ug/L	10.1 (U)	48.2 (UJ)	10.9 (U)	10.6 (U)	416 (U)				58.4 (U)			
			mg/Kg								469 (U)		467 (U)	486 (U)	2480 (U)
SW9040B	pH	STL00204	SU	7.52 HF		7.8 HF	7.86 HF	8.4 HF							
SW9045C	pH	STL00204	SU												0.71

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■ Detect  
■ Non-detect

Attachment I

Level 2 Validated

Lab Report J94089-1

## **Data Verification Report (Level 2)**

**Project 106846: Santa Paula, CA**

**Client: CTEH**

Report #: 94089-1/94089-2/94089-3

Date: January 6, 2015



Environmental Data Professional, LLC  
1432 Watkins Street • Lake Charles, LA 70601 • phone: 337-540-0036 • fax: 337-478-6061

**Disclaimer:**

The review performed and reported herein is based on specifications and procedures presented to eDATapro with the associated data package. Any qualifications or review not specified with package requirements was based on USEPA National Functional Guidelines for Inorganic and Organic Data Review.

Information contained in this report is based solely on the hardcopy and/or electronic deliverables that were submitted to eDATapro. eDATapro reserves the rights to modify or change the report if new information is presented or if this report is determined to be inaccurate or incomplete.

The following parameters were reviewed during the verification process:

**Chain-of-Custody (COC):** Completeness and sample custody

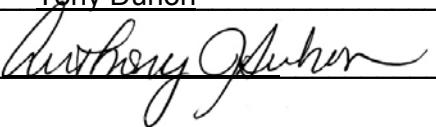
**Holding time:** Compare collection date versus preparation and/or analysis date

**Blank Contamination:** Laboratory and field blanks

**Matrix/Precision/Recovery:** Surrogates, Internal Standards, Duplicates, Blank spike and blank spike duplicate samples (when applicable)

**Standards:** Detection limit standard and continuing calibration verification (when applicable)

Reviewed by: Tony Duhon

Signature: 

## INTRODUCTION:

Project Name: 106846 – Santa Paula, CA

Laboratory: Test America Laboratories

Laboratory Package No.: 94089-1/94089-2/94089-3

Matrix: Soils/Waters

Environmental Data Professional, LLC (eDATapro) received one electronic Level II data package containing the results for ten field samples and three trip blanks. Level II verification was performed on the data utilizing *USEPA National Functional Guidelines for Organic Data Review*, *USEPA National Functional Guidelines for Inorganic Data Review* and the analytical methods.

The following samples were reviewed:

<b>Sample ID</b>	<b>Lab ID</b>	<b>Collection Date</b>	<b>Analyses</b>
SACA1123SL001	440-94089-1	11/23/2014 12:00 PM	[1-6,8-10]
SACA1123SL002	440-94089-2	11/23/2014 01:00 PM	[1-6,8-10]
SACA1123SD001	440-94089-3	11/23/2014 12:00 PM	[1-5,7,9,11]
SACA1123SD002	440-94089-4	11/23/2014 01:00 PM	[1-5,7,9,11]
SACA1123TT001	440-94089-5	11/23/2014 11:20 AM	[1-6,8]
SACA1123TT002	440-94089-6	11/23/2014 11:40 AM	[1-4]
SACA1123TT003	440-94089-7	11/23/2014 12:00 PM	[1-6,8]
SACA1123TT004	440-94089-8	11/23/2014 12:10 PM	[1-6,8]
SACA1123TT005	440-94089-9	11/23/2014 12:20 PM	[1-6,8]
SACA1123TT006	440-94089-10	11/23/2014 01:00 PM	[1-5,7]
SACA1123TB002	440-94089-12	11/23/2014	[1]
SACA1123TB001	440-94089-13	11/23/2014	[1]
SACA1123TB003	440-94089-14	11/23/2014	[1]

Analyses Performed Codes:

[1] Volatile Organics	EPA 8260B
[2] Semivolatile Organics	EPA 8270C
[3] Gasoline Range Organics (GRO (C4-C12))	EPA 8015B
[4] Diesel Range Organics (C13-C22, C23-C40)	EPA 8015B
[5] ICP Metals	EPA 6010B
[6] Mercury	EPA 7470A
[7] Mercury	EPA 7471A
[8] pH	EPA 9040B
[9] Anions, Ion Chromatography	MCAWW 300.0
[10] Chloramines	SM4500CI G
[11] Residual Chlorine	SM4500CI G

## DATA REVIEW FINDINGS SUMMARY

### I. General Package:

The laboratory analyses were split between three laboratory work orders, 440-94089-1, 440-94089-2 and 440-94089-3, which equate to three separate SDGs in the database EDD file. For reporting purposes, the data sheets for all SDGs are included under this cover.

A revised data report for SDGs 440-94089-1 and 440-94089-2 was received on January 2, 2013 to report the results for the organics analyses in the soil samples corrected for moisture content; dry weight.

Sample SACA1121SS015 was listed on the chain of custody record but not received. Analyses were not performed on this sample.

The laboratory noted that insufficient volume of sample SACA1123TT002 was received to perform the pH and metals analyses.

The laboratory assigned an artificial collection time to the trip blank samples for the purpose of checking adherence to holding time. The artificial times were removed.

When necessary, dilution analyses were performed to minimize sample matrix interference and/or obtain analyte measurements within the linear range of calibration. Reporting limits were adjusted accordingly.

The laboratory applied an asterisk qualifier “\*” to target analyte results possibly affected by QA/QC exceedences. In instances where data qualifications of these results were not necessary, the laboratory notations were removed.

### II. Volatile Organics (EPA 8260B):

The post-analysis preservation check of the pH of sample SACA1123TT005 indicated inadequate chemical preservation. The analysis occurred within the EPA recommended holding time for non-preserved samples. No data qualifications were necessary.

Recoveries of several analytes in the matrix spike (MS) analysis from analytical batch 220502 exceeded upper acceptance criteria. Acceptable recoveries of these analytes were achieved in the MS duplicate and laboratory control sample (LCS) analyses. Recoveries of 1,1-Dichloropropene in the MS and MSD exceeded upper acceptance criteria. This analyte was not detected in the associated field samples. No data qualifications were necessary.

Recovery of surrogate analyte Toluene-d8 in samples SACA1123TT003 and SACA1123TT004 exceeded lower acceptance criteria. Results for these samples were modified to either estimate (J) or non-detect estimate (UJ).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

### III. Semivolatile Organics (EPA 8270C):

Recoveries of the surrogate analyte(s) in samples SACA1123SL001, SACA1123SL002, SACA1123SD001, SACA1123SD002, SACA1123TT005 and SACA1123TT006 exceeded acceptance criteria; however, the sample extracts were significantly diluted prior to analysis which altered the amounts of surrogates in the extracts. Evaluation of the surrogate recoveries did not apply to these samples, and no data qualifications were necessary.

Recoveries of one base/neutral-fraction surrogate analyte in samples SACA1123SD002, SACA1123TT001, SACA1123TT003 and SACA1123TT004 exceeded acceptance criteria. Method acceptance criteria are met and no qualification required unless more than one surrogate in an extraction fraction exceeds acceptance criteria.

Recoveries of two base/neutral-fraction surrogate analytes in sample SACA1123TT002 exceeded lower acceptance criteria. Results for target analytes in the base/neutral-fraction group for this sample were modified to either non-detect estimate (UJ) or estimate (J).

Recoveries of the acid-fraction surrogates in samples SACA1123TT001, SACA1123TT003 and SACA1123TT004 exceeded lower acceptance criteria at less than ten percent (<10%). Results for target analytes in the acid-fraction group for these samples were modified to unusable (R).

Recoveries of 3,3'-Dichlorobenzidine in the duplicate LCS for preparation batch 220436 exceeded lower acceptance criteria. Comparison between measurements of this analyte in the LCS and LCSD samples exceeded precision acceptance criteria. Acceptable recovery of this analyte was achieved in the LCS. No other QC exceedences were noted. No data qualifications were necessary.

The laboratory noted low responses of internal standard Perylene-d12 in samples SACA1123SD001, SACA1123SD002, SACA1123TT003, SACA1123TT004 and SACA1123TT006. Results for target analytes associated with this internal standard; Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene were modified to non-detect estimate (UJ).

Matrix spike data were not presented for preparation batch 220436. The laboratory provided LCS and LCSD analyses with acceptable recoveries indicating the method was in control.

Precision QC data was not available in support of the Method 8270C analyses of samples SACA1123SD001, SACA1123SD002 and SACA1123TT006. The laboratory noted that significant dilution of the MS and MSD extracts were required. A duplicate LCS was not prepared with these field samples.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **IV. Gasoline Range Organics – GRO (C4-C12) (EPA 8015B):**

The post-analysis preservation check of the pH of sample SACA1123TT005 indicated inadequate chemical preservation. The analysis occurred within the EPA recommended holding time for non-preserved samples. No data qualifications were necessary.

The laboratory noted that the GRO (C4-C12) concentration reported for samples SACA1123TT003 and SACA1123TT004 were due to the presence of discrete non-pattern peaks. These concentrations were modified to estimate (J).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **V. Diesel Range Organics – C13-C22, C23-C40 (EPA 8015B):**

Recoveries of the surrogate analyte(s) in samples SACA1123SL001, SACA1123SL002 and SACA1123SD001 exceeded acceptance criteria; however, the sample extracts were significantly diluted prior to analysis which altered the amounts of surrogates in the extracts. Evaluation of the surrogate recoveries did not apply to these samples, and no data qualifications were necessary.

The laboratory noted that the C23-C40 concentration reported for sample SACA1123TT002 was due to the presence of a discrete non-pattern peak. This concentration was modified to estimate (J).

Matrix spike data were not presented for preparation batch 220554; therefore, matrix specific precision and accuracy could not be reviewed. The laboratory provided LCS and LCSD analyses with acceptable recoveries and RPDs indicating the method was in control.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **VI. ICP Metals (EPA 6010B):**

Recoveries of Antimony and Molybdenum in the MS and MSD analyses for preparation batch 220534 exceeded lower acceptance criteria. Confirmation of matrix similarity was not within the scope of this Level II data verification. Acceptable recoveries of these analytes were achieved in the associated LCS analysis. No data qualifications were necessary.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **VII. Mercury (EPA 7470A):**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.

**VIII. Mercury (EPA 7471A):**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.

**IX. pH (EPA 9040B):**

The pH analyses were performed at the laboratory more than 24 hours after sample collection and more than 12 hours after receipt. The pH results were modified to estimate (J).

**X. Anions, Ion Chromatography (MCAWW 300.0):**

The Nitrogen and Phosphorus analyses of water samples SACA1123SL001 and SACA1123SL002 were performed after expiration of the holding time. Results for these analyses were modified to estimate (J) or non-detect estimate (UJ).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

**XI. Chloramines (SM4500Cl G):**

The Chloramines analyses of water samples SACA1123SL001 and SACA1123SL002 were performed after expiration of the holding time. Results for these analyses were modified to estimate (J) or non-detect estimate (UJ).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

**XII. Residual Chlorine (SM4500Cl G):**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.



**Appendix I**  
**Form 1 Data (Qualified)**

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT006**Location ID: **NA**Lab Sample ID: **440-94089-10DL**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Soil**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 16:37**% Solids: **49**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	100	8950	3580	U	3580	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	100	3580	1790	U	1790	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	3580	1790	U	1790	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	100	3580	1790	U	1790	U	ug/Kg
75-34-3	1,1-Dichloroethane	100	3580	1790	U	1790	U	ug/Kg
75-35-4	1,1-Dichloroethene	100	8950	3580	U	3580	U	ug/Kg
563-58-6	1,1-Dichloropropene	100	3580	1790	U	1790	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	100	8950	3580	U	3580	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	100	17900	3580	U	3580	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	8950	3580	U	3580	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	100	3580	1790	U	1790	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	8950	3580	U	3580	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	100	3580	1790	U	1790	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	3580	1790	U	1790	U	ug/Kg
107-06-2	1,2-Dichloroethane	100	3580	1790	U	1790	U	ug/Kg
78-87-5	1,2-Dichloropropane	100	3580	1790	U	1790	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	3580	1790	U	1790	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	3580	1790	U	1790	U	ug/Kg
142-28-9	1,3-Dichloropropane	100	3580	1790	U	1790	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	3580	1790	U	1790	U	ug/Kg
594-20-7	2,2-Dichloropropane	100	7160	3580	U	3580	U	ug/Kg
95-49-8	2-Chlorotoluene	100	8950	3580	U	3580	U	ug/Kg
106-43-4	4-Chlorotoluene	100	8950	1790	U	1790	U	ug/Kg
71-43-2	Benzene	100	3580	1790	U	1790	U	ug/Kg
108-86-1	Bromobenzene	100	8950	3580	U	3580	U	ug/Kg
74-97-5	Bromochloromethane	100	8950	3580	U	3580	U	ug/Kg
75-27-4	Bromodichloromethane	100	3580	1790	U	1790	U	ug/Kg
75-25-2	Bromoform	100	8950	3580	U	3580	U	ug/Kg
74-83-9	Bromomethane	100	8950	3580	U	3580	U	ug/Kg
56-23-5	Carbon tetrachloride	100	8950	3580	U	3580	U	ug/Kg
108-90-7	Chlorobenzene	100	3580	1790	U	1790	U	ug/Kg
75-00-3	Chloroethane	100	8950	3580	U	3580	U	ug/Kg
67-66-3	Chloroform	100	3580	1790	U	1790	U	ug/Kg
74-87-3	Chloromethane	100	8950	3580	U	3580	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	100	3580	1790	U	1790	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	100	3580	1790	U	1790	U	ug/Kg
124-48-1	Dibromochloromethane	100	3580	1790	U	1790	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT006**Sample Matrix : **Soil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/23/2014 13:00**Lab: **TAIRV**Lab Sample ID: **440-94089-10DL**Analysis Date: **11/24/2014 16:37**% Solids: **49**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	100	3580	1790	U	1790	U	ug/Kg
75-71-8	Dichlorodifluoromethane	100	8950	3580	U	3580	U	ug/Kg
100-41-4	Ethylbenzene	100	3580	1790	U	1790	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	100	8950	3580	U	3580	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	8950	3580	U	3580	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	100	8950	3580	U	3580	U	ug/Kg
98-82-8	Isopropylbenzene	100	3580	1790	U	1790	U	ug/Kg
179601-23-1	m,p-Xylene	100	7160	3580	U	3580	U	ug/Kg
75-09-2	Methylene Chloride	100	35800	17900	U	17900	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	8950	3580	U	3580	U	ug/Kg
91-20-3	Naphthalene	100	8950	3580	U	3580	U	ug/Kg
104-51-8	n-Butylbenzene	100	8950	3580	U	3580	U	ug/Kg
103-65-1	N-Propylbenzene	100	3580	1790	U	1790	U	ug/Kg
95-47-6	o-Xylene	100	3580	1790	U	1790	U	ug/Kg
99-87-6	p-Isopropyltoluene	100	3580	1790	U	1790	U	ug/Kg
135-98-8	sec-Butylbenzene	100	8950	1790	U	1790	U	ug/Kg
100-42-5	Styrene	100	3580	1790	U	1790	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	100	8950	3580	U	3580	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	100	179000	89500	U	89500	U	ug/Kg
98-06-6	tert-Butylbenzene	100	8950	3580	U	3580	U	ug/Kg
127-18-4	Tetrachloroethene	100	3580	1790	U	1790	U	ug/Kg
108-88-3	Toluene	100	3580	1790	U	1790	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	100	3580	1790	U	1790	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	100	3580	1790	U	1790	U	ug/Kg
79-01-6	Trichloroethene	100	3580	1790	U	1790	U	ug/Kg
75-69-4	Trichlorofluoromethane	100	8950	3580	U	3580	U	ug/Kg
75-01-4	Vinyl chloride	100	8950	3580	U	3580	U	ug/Kg
1330-20-7	Xylenes, Total	100	7160	3580	U	3580	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TB002**Location ID: **NA**Lab Sample ID: **440-94089-12**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 12:39**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	U	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	U	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	U	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	U	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	U	ug/L
75-25-2	Bromoform	1	5	0.4	U	0.4	U	ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	U	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	U	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	U	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	U	ug/L
67-66-3	Chloroform	1	2	0.25	U	0.25	U	ug/L
74-87-3	Chloromethane	1	5	0.25	U	0.25	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TB002**Location ID: **NA**Lab Sample ID: **440-94089-12**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 12:39**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	U	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	U	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	U	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	U	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	U	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	U	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	U	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	U	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	0.25	U	0.25	U	ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	5	U	5	U	ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	U	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	U	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	U	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TB001**Location ID: **NA**Lab Sample ID: **440-94089-13**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 13:08**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	U	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	U	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	U	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	U	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	U	ug/L
75-25-2	Bromoform	1	5	0.4	U	0.4	U	ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	U	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	U	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	U	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	U	ug/L
67-66-3	Chloroform	1	2	0.25	U	0.25	U	ug/L
74-87-3	Chloromethane	1	5	0.25	U	0.25	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TB001**Location ID: **NA**Lab Sample ID: **440-94089-13**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 13:08**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	U	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	U	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	U	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	U	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	U	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	U	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	U	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	U	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	0.25	U	0.25	U	ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	5	U	5	U	ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	U	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	U	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	U	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: <b>SACA1123TB003</b>		Sample Matrix : Water				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/23/2014				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-14</b>		Analysis Date: 11/24/2014 13:37						
Sample Type: <b>Trip Blank</b>								
Method: <b>SW8260B</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	U	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	U	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	U	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	U	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	U	ug/L
75-25-2	Bromoform	1	5	0.4	U	0.4	U	ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	U	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	U	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	U	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	U	ug/L
67-66-3	Chloroform	1	2	0.25	U	0.25	U	ug/L
74-87-3	Chloromethane	1	5	0.25	U	0.25	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TB003**Location ID: **NA**Lab Sample ID: **440-94089-14**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 13:37**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	U	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	U	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	U	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	U	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	U	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	U	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	U	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	U	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	0.25	U	0.25	U	ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	5	U	5	U	ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	U	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	U	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	U	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123SL001**
**Location ID: NA**
**Lab Sample ID: 440-94089-1DL**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 11/23/2014 12:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 14:35**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	5	25	1.25	U	1.25	U	ug/L
71-55-6	1,1,1-Trichloroethane	5	10	1.25	U	1.25	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	10	1.25	U	1.25	U	ug/L
79-00-5	1,1,2-Trichloroethane	5	10	1.25	U	1.25	U	ug/L
75-34-3	1,1-Dichloroethane	5	10	1.25	U	1.25	U	ug/L
75-35-4	1,1-Dichloroethene	5	25	1.25	U	1.25	U	ug/L
563-58-6	1,1-Dichloropropene	5	10	1.25	U	1.25	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	25	2	U	2	U	ug/L
96-18-4	1,2,3-Trichloropropane	5	50	1.25	U	1.25	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	25	2	U	2	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	5	10	1.25	U	1.25	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	25	2.5	U	2.5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	5	10	1.25	U	1.25	U	ug/L
95-50-1	1,2-Dichlorobenzene	5	10	1.25	U	1.25	U	ug/L
107-06-2	1,2-Dichloroethane	5	10	1.25	U	1.25	U	ug/L
78-87-5	1,2-Dichloropropane	5	10	1.25	U	1.25	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	10	1.25	U	1.25	U	ug/L
541-73-1	1,3-Dichlorobenzene	5	10	1.25	U	1.25	U	ug/L
142-28-9	1,3-Dichloropropane	5	10	1.25	U	1.25	U	ug/L
106-46-7	1,4-Dichlorobenzene	5	10	1.25	U	1.25	U	ug/L
594-20-7	2,2-Dichloropropane	5	10	2	U	2	U	ug/L
95-49-8	2-Chlorotoluene	5	25	1.25	U	1.25	U	ug/L
106-43-4	4-Chlorotoluene	5	25	1.25	U	1.25	U	ug/L
71-43-2	Benzene	5	10	1.25	U	1.25	U	ug/L
108-86-1	Bromobenzene	5	25	1.25	U	1.25	U	ug/L
74-97-5	Bromochloromethane	5	25	1.25	U	1.25	U	ug/L
75-27-4	Bromodichloromethane	5	10	1.25	U	1.25	U	ug/L
75-25-2	Bromoform	5	25	2	U	2	U	ug/L
74-83-9	Bromomethane	5	25	1.25	U	1.25	U	ug/L
56-23-5	Carbon tetrachloride	5	25	1.25	U	1.25	U	ug/L
108-90-7	Chlorobenzene	5	10	1.25	U	1.25	U	ug/L
75-00-3	Chloroethane	5	25	2	U	2	U	ug/L
67-66-3	Chloroform	5	10	20.6		20.6		ug/L
74-87-3	Chloromethane	5	25	1.25	U	1.25	U	ug/L
156-59-2	cis-1,2-Dichloroethene	5	10	1.25	U	1.25	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	10	1.25	U	1.25	U	ug/L
124-48-1	Dibromochloromethane	5	10	1.25	U	1.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SL001**

Sample Matrix : Water

Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/23/2014 12:00**Lab: **TAIRV**Lab Sample ID: **440-94089-1DL**Analysis Date: **11/24/2014 14:35**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	5	10	1.25	U	1.25	U	ug/L
75-71-8	Dichlorodifluoromethane	5	25	1.25	U	1.25	U	ug/L
100-41-4	Ethylbenzene	5	10	1.25	U	1.25	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	5	25	1.25	U	1.25	U	ug/L
87-68-3	Hexachlorobutadiene	5	25	1.25	U	1.25	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	5	25	1.25	U	1.25	U	ug/L
98-82-8	Isopropylbenzene	5	10	1.25	U	1.25	U	ug/L
179601-23-1	m,p-Xylene	5	10	2.5	U	2.5	U	ug/L
75-09-2	Methylene Chloride	5	25	5.5	U	5.5	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	5	1.25	U	1.25	U	ug/L
91-20-3	Naphthalene	5	25	2	U	2	U	ug/L
104-51-8	n-Butylbenzene	5	25	2	U	2	U	ug/L
103-65-1	N-Propylbenzene	5	10	1.25	U	1.25	U	ug/L
95-47-6	o-Xylene	5	10	1.25	U	1.25	U	ug/L
99-87-6	p-Isopropyltoluene	5	10	1.25	U	1.25	U	ug/L
135-98-8	sec-Butylbenzene	5	25	1.25	U	1.25	U	ug/L
100-42-5	Styrene	5	10	1.25	U	1.25	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	5	25	1.25	U	1.25	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	5	50	25	U	25	U	ug/L
98-06-6	tert-Butylbenzene	5	25	1.25	U	1.25	U	ug/L
127-18-4	Tetrachloroethene	5	10	1.25	U	1.25	U	ug/L
108-88-3	Toluene	5	10	1.25	U	1.25	U	ug/L
156-60-5	trans-1,2-Dichloroethene	5	10	1.25	U	1.25	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	5	10	1.25	U	1.25	U	ug/L
79-01-6	Trichloroethene	5	10	1.25	U	1.25	U	ug/L
75-69-4	Trichlorofluoromethane	5	25	1.25	U	1.25	U	ug/L
75-01-4	Vinyl chloride	5	25	1.25	U	1.25	U	ug/L
1330-20-7	Xylenes, Total	5	10	1.25	U	1.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SL002**Location ID: **NA**Lab Sample ID: **440-94089-2**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 15:33**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	U	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	U	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	U	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	U	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	U	ug/L
75-25-2	Bromoform	1	5	0.4	U	0.4	U	ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	U	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	U	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	U	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	U	ug/L
67-66-3	Chloroform	1	2	23.8		23.8		ug/L
74-87-3	Chloromethane	1	5	7.32		7.32		ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SL002**Location ID: **NA**Lab Sample ID: **440-94089-2**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 15:33**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	U	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	U	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	U	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	U	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	U	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	U	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	U	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	U	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	0.25	U	0.25	U	ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	21.2		21.2		ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	U	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	U	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	U	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123SD001**
**Location ID: NA**
**Lab Sample ID: 440-94089-3DL**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Soil**
**Sample Date: 11/23/2014 12:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 15:41**
**% Solids: 14.5**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	100	3450	1380	U	1380	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	100	1380	689	U	689	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	1380	689	U	689	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	100	1380	689	U	689	U	ug/Kg
75-34-3	1,1-Dichloroethane	100	1380	689	U	689	U	ug/Kg
75-35-4	1,1-Dichloroethene	100	3450	1380	U	1380	U	ug/Kg
563-58-6	1,1-Dichloropropene	100	1380	689	U	689	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	100	3450	1380	U	1380	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	100	6890	1380	U	1380	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	3450	1380	U	1380	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	100	1380	689	U	689	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	3450	1380	U	1380	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	100	1380	689	U	689	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	1380	689	U	689	U	ug/Kg
107-06-2	1,2-Dichloroethane	100	1380	689	U	689	U	ug/Kg
78-87-5	1,2-Dichloropropane	100	1380	689	U	689	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	1380	689	U	689	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	1380	689	U	689	U	ug/Kg
142-28-9	1,3-Dichloropropane	100	1380	689	U	689	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	1380	689	U	689	U	ug/Kg
594-20-7	2,2-Dichloropropane	100	2760	1380	U	1380	U	ug/Kg
95-49-8	2-Chlorotoluene	100	3450	1380	U	1380	U	ug/Kg
106-43-4	4-Chlorotoluene	100	3450	689	U	689	U	ug/Kg
71-43-2	Benzene	100	1380	689	U	689	U	ug/Kg
108-86-1	Bromobenzene	100	3450	1380	U	1380	U	ug/Kg
74-97-5	Bromochloromethane	100	3450	1380	U	1380	U	ug/Kg
75-27-4	Bromodichloromethane	100	1380	689	U	689	U	ug/Kg
75-25-2	Bromoform	100	3450	1380	U	1380	U	ug/Kg
74-83-9	Bromomethane	100	3450	1380	U	1380	U	ug/Kg
56-23-5	Carbon tetrachloride	100	3450	1380	U	1380	U	ug/Kg
108-90-7	Chlorobenzene	100	1380	689	U	689	U	ug/Kg
75-00-3	Chloroethane	100	3450	1380	U	1380	U	ug/Kg
67-66-3	Chloroform	100	1380	19800		19800		ug/Kg
74-87-3	Chloromethane	100	3450	1380	U	1380	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	100	1380	689	U	689	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	100	1380	689	U	689	U	ug/Kg
124-48-1	Dibromochloromethane	100	1380	689	U	689	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD001**Sample Matrix : **Soil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/23/2014 12:00**Lab: **TAIRV**Lab Sample ID: **440-94089-3DL**Analysis Date: **11/24/2014 15:41**% Solids: **14.5**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	100	1380	689	U	689	U	ug/Kg
75-71-8	Dichlorodifluoromethane	100	3450	1380	U	1380	U	ug/Kg
100-41-4	Ethylbenzene	100	1380	689	U	689	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	100	3450	1380	U	1380	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	3450	1380	U	1380	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	100	3450	1380	U	1380	U	ug/Kg
98-82-8	Isopropylbenzene	100	1380	689	U	689	U	ug/Kg
179601-23-1	m,p-Xylene	100	2760	1380	U	1380	U	ug/Kg
75-09-2	Methylene Chloride	100	13800	6890	U	6890	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	3450	1380	U	1380	U	ug/Kg
91-20-3	Naphthalene	100	3450	1380	U	1380	U	ug/Kg
104-51-8	n-Butylbenzene	100	3450	1380	U	1380	U	ug/Kg
103-65-1	N-Propylbenzene	100	1380	689	U	689	U	ug/Kg
95-47-6	o-Xylene	100	1380	689	U	689	U	ug/Kg
99-87-6	p-Isopropyltoluene	100	1380	689	U	689	U	ug/Kg
135-98-8	sec-Butylbenzene	100	3450	689	U	689	U	ug/Kg
100-42-5	Styrene	100	1380	689	U	689	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	100	3450	1380	U	1380	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	100	68900	34500	U	34500	U	ug/Kg
98-06-6	tert-Butylbenzene	100	3450	1380	U	1380	U	ug/Kg
127-18-4	Tetrachloroethene	100	1380	689	U	689	U	ug/Kg
108-88-3	Toluene	100	1380	689	U	689	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	100	1380	689	U	689	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	100	1380	689	U	689	U	ug/Kg
79-01-6	Trichloroethene	100	1380	689	U	689	U	ug/Kg
75-69-4	Trichlorofluoromethane	100	3450	1380	U	1380	U	ug/Kg
75-01-4	Vinyl chloride	100	3450	1380	U	1380	U	ug/Kg
1330-20-7	Xylenes, Total	100	2760	1380	U	1380	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**

COC Sample ID: <b>SACA1123SD002</b>		Sample Matrix : <b>Soil</b>				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/23/2014 13:00</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-4DL</b>		Analysis Date: <b>11/24/2014 16:09</b>				% Solids: <b>14.1</b>		
Sample Type: <b>Site Sample</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	100	1770	708	U	708	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	100	708	354	U	354	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	708	354	U	354	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	100	708	354	U	354	U	ug/Kg
75-34-3	1,1-Dichloroethane	100	708	354	U	354	U	ug/Kg
75-35-4	1,1-Dichloroethene	100	1770	708	U	708	U	ug/Kg
563-58-6	1,1-Dichloropropene	100	708	354	U	354	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	100	1770	708	U	708	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	100	3540	708	U	708	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	1770	708	U	708	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	100	708	354	U	354	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	1770	708	U	708	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	100	708	354	U	354	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	708	354	U	354	U	ug/Kg
107-06-2	1,2-Dichloroethane	100	708	354	U	354	U	ug/Kg
78-87-5	1,2-Dichloropropane	100	708	354	U	354	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	708	354	U	354	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	708	354	U	354	U	ug/Kg
142-28-9	1,3-Dichloropropane	100	708	354	U	354	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	708	354	U	354	U	ug/Kg
594-20-7	2,2-Dichloropropane	100	1420	708	U	708	U	ug/Kg
95-49-8	2-Chlorotoluene	100	1770	708	U	708	U	ug/Kg
106-43-4	4-Chlorotoluene	100	1770	354	U	354	U	ug/Kg
71-43-2	Benzene	100	708	354	U	354	U	ug/Kg
108-86-1	Bromobenzene	100	1770	708	U	708	U	ug/Kg
74-97-5	Bromochloromethane	100	1770	708	U	708	U	ug/Kg
75-27-4	Bromodichloromethane	100	708	354	U	354	U	ug/Kg
75-25-2	Bromoform	100	1770	708	U	708	U	ug/Kg
74-83-9	Bromomethane	100	1770	708	U	708	U	ug/Kg
56-23-5	Carbon tetrachloride	100	1770	708	U	708	U	ug/Kg
108-90-7	Chlorobenzene	100	708	354	U	354	U	ug/Kg
75-00-3	Chloroethane	100	1770	708	U	708	U	ug/Kg
67-66-3	Chloroform	100	708	4670		4670		ug/Kg
74-87-3	Chloromethane	100	1770	708	U	708	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	100	708	354	U	354	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	100	708	354	U	354	U	ug/Kg
124-48-1	Dibromochloromethane	100	708	354	U	354	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD002**Sample Matrix : **Soil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/23/2014 13:00**Lab: **TAIRV**Lab Sample ID: **440-94089-4DL**Analysis Date: **11/24/2014 16:09**% Solids: **14.1**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	100	708	354	U	354	U	ug/Kg
75-71-8	Dichlorodifluoromethane	100	1770	708	U	708	U	ug/Kg
100-41-4	Ethylbenzene	100	708	354	U	354	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	100	1770	708	U	708	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	1770	708	U	708	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	100	1770	708	U	708	U	ug/Kg
98-82-8	Isopropylbenzene	100	708	354	U	354	U	ug/Kg
179601-23-1	m,p-Xylene	100	1420	708	U	708	U	ug/Kg
75-09-2	Methylene Chloride	100	7080	3540	U	3540	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	1770	708	U	708	U	ug/Kg
91-20-3	Naphthalene	100	1770	708	U	708	U	ug/Kg
104-51-8	n-Butylbenzene	100	1770	708	U	708	U	ug/Kg
103-65-1	N-Propylbenzene	100	708	354	U	354	U	ug/Kg
95-47-6	o-Xylene	100	708	354	U	354	U	ug/Kg
99-87-6	p-Isopropyltoluene	100	708	354	U	354	U	ug/Kg
135-98-8	sec-Butylbenzene	100	1770	354	U	354	U	ug/Kg
100-42-5	Styrene	100	708	354	U	354	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	100	1770	708	U	708	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	100	35400	17700	U	17700	U	ug/Kg
98-06-6	tert-Butylbenzene	100	1770	708	U	708	U	ug/Kg
127-18-4	Tetrachloroethene	100	708	354	U	354	U	ug/Kg
108-88-3	Toluene	100	708	354	U	354	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	100	708	354	U	354	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	100	708	354	U	354	U	ug/Kg
79-01-6	Trichloroethene	100	708	354	U	354	U	ug/Kg
75-69-4	Trichlorofluoromethane	100	1770	708	U	708	U	ug/Kg
75-01-4	Vinyl chloride	100	1770	708	U	708	U	ug/Kg
1330-20-7	Xylenes, Total	100	1420	708	U	708	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123TT001**
**Location ID: NA**
**Lab Sample ID: 440-94089-5**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 11/23/2014 11:20**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 14:17**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	U	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	U	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	U	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	U	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	U	ug/L
75-25-2	Bromoform	1	5	11.8		11.8		ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	U	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	U	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	U	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	U	ug/L
67-66-3	Chloroform	1	2	0.25	U	0.25	U	ug/L
74-87-3	Chloromethane	1	5	0.25	U	0.25	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT001**

Sample Matrix : Water

Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/23/2014 11:20**Lab: **TAIRV**Lab Sample ID: **440-94089-5**Analysis Date: **11/24/2014 14:17**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	U	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	U	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	U	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	U	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	U	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	U	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	U	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	U	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	0.25	U	0.25	U	ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	10.5		10.5		ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	U	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	U	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	U	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: <b>SACA1123TT002</b>		Sample Matrix : Water				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/23/2014 11:40				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-6</b>		Analysis Date: 11/24/2014 14:47						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8260B</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	U	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	U	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	U	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	U	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	U	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	U	ug/L
75-25-2	Bromoform	1	5	0.4	U	0.4	U	ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	U	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	U	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	U	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	U	ug/L
67-66-3	Chloroform	1	2	0.25	U	0.25	U	ug/L
74-87-3	Chloromethane	1	5	0.25	U	0.25	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT002**Location ID: **NA**Lab Sample ID: **440-94089-6**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014 11:40**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 14:47**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	U	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	U	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	U	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	U	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	U	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	U	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	U	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	U	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	2.93		2.93		ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	112		112		ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	U	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	U	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	U	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	U	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	U	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123TT003**
**Location ID: NA**
**Lab Sample ID: 440-94089-7**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 11/23/2014 12:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 15:17**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	UJ	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	UJ	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	UJ	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	UJ	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	UJ	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	UJ	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	UJ	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	UJ	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	UJ	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	UJ	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	UJ	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	UJ	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	UJ	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	UJ	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	UJ	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	UJ	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	UJ	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	UJ	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	UJ	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	UJ	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	UJ	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	UJ	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	UJ	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	UJ	ug/L
75-25-2	Bromoform	1	5	12.3		12.3	J	ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	UJ	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	UJ	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	UJ	ug/L
67-66-3	Chloroform	1	2	0.25	U	0.25	UJ	ug/L
74-87-3	Chloromethane	1	5	0.25	U	0.25	UJ	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	UJ	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	UJ	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT003**Location ID: **NA**Lab Sample ID: **440-94089-7**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014 12:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 15:17**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	UJ	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	UJ	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	UJ	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	UJ	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	UJ	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	UJ	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	UJ	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	UJ	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	UJ	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	UJ	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	UJ	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	UJ	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	UJ	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	UJ	ug/L
99-87-6	p-Isopropyltoluene	1	2	0.25	U	0.25	UJ	ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	UJ	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	UJ	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	UJ	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	44.7		44.7	J	ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	UJ	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	UJ	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	UJ	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	UJ	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	UJ	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	UJ	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	UJ	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	UJ	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT004**Location ID: **NA**Lab Sample ID: **440-94089-8**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014 12:10**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 15:47**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	0.25	U	0.25	UJ	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	0.25	U	0.25	UJ	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	0.25	U	0.25	UJ	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	0.25	U	0.25	UJ	ug/L
75-34-3	1,1-Dichloroethane	1	2	0.25	U	0.25	UJ	ug/L
75-35-4	1,1-Dichloroethene	1	5	0.25	U	0.25	UJ	ug/L
563-58-6	1,1-Dichloropropene	1	2	0.25	U	0.25	UJ	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	0.4	U	0.4	UJ	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	0.25	U	0.25	UJ	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	0.4	U	0.4	UJ	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	0.25	U	0.25	UJ	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	0.5	U	0.5	UJ	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	0.25	U	0.25	UJ	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
107-06-2	1,2-Dichloroethane	1	2	0.25	U	0.25	UJ	ug/L
78-87-5	1,2-Dichloropropane	1	2	0.25	U	0.25	UJ	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	0.25	U	0.25	UJ	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
142-28-9	1,3-Dichloropropane	1	2	0.25	U	0.25	UJ	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
594-20-7	2,2-Dichloropropane	1	2	0.4	U	0.4	UJ	ug/L
95-49-8	2-Chlorotoluene	1	5	0.25	U	0.25	UJ	ug/L
106-43-4	4-Chlorotoluene	1	5	0.25	U	0.25	UJ	ug/L
71-43-2	Benzene	1	2	0.25	U	0.25	UJ	ug/L
108-86-1	Bromobenzene	1	5	0.25	U	0.25	UJ	ug/L
74-97-5	Bromochloromethane	1	5	0.25	U	0.25	UJ	ug/L
75-27-4	Bromodichloromethane	1	2	0.25	U	0.25	UJ	ug/L
75-25-2	Bromoform	1	5	18.5		18.5	J	ug/L
74-83-9	Bromomethane	1	5	0.25	U	0.25	UJ	ug/L
56-23-5	Carbon tetrachloride	1	5	0.25	U	0.25	UJ	ug/L
108-90-7	Chlorobenzene	1	2	0.25	U	0.25	UJ	ug/L
75-00-3	Chloroethane	1	5	0.4	U	0.4	UJ	ug/L
67-66-3	Chloroform	1	2	0.25	U	0.25	UJ	ug/L
74-87-3	Chloromethane	1	5	0.25	U	0.25	UJ	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	0.25	U	0.25	UJ	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	0.25	U	0.25	UJ	ug/L
124-48-1	Dibromochloromethane	1	2	0.25	U	0.25	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT004**Location ID: **NA**Lab Sample ID: **440-94089-8**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014 12:10**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/24/2014 15:47**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	0.25	U	0.25	UJ	ug/L
75-71-8	Dichlorodifluoromethane	1	5	0.25	U	0.25	UJ	ug/L
100-41-4	Ethylbenzene	1	2	0.25	U	0.25	UJ	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	0.25	U	0.25	UJ	ug/L
87-68-3	Hexachlorobutadiene	1	5	0.25	U	0.25	UJ	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	0.25	U	0.25	UJ	ug/L
98-82-8	Isopropylbenzene	1	2	0.25	U	0.25	UJ	ug/L
179601-23-1	m,p-Xylene	1	2	0.5	U	0.5	UJ	ug/L
75-09-2	Methylene Chloride	1	5	1.1	U	1.1	UJ	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	0.25	U	0.25	UJ	ug/L
91-20-3	Naphthalene	1	5	0.4	U	0.4	UJ	ug/L
104-51-8	n-Butylbenzene	1	5	0.4	U	0.4	UJ	ug/L
103-65-1	N-Propylbenzene	1	2	0.25	U	0.25	UJ	ug/L
95-47-6	o-Xylene	1	2	0.25	U	0.25	UJ	ug/L
99-87-6	p-Isopropyltoluene	1	2	0.25	U	0.25	UJ	ug/L
135-98-8	sec-Butylbenzene	1	5	0.25	U	0.25	UJ	ug/L
100-42-5	Styrene	1	2	0.25	U	0.25	UJ	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	0.25	U	0.25	UJ	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	44.5		44.5	J	ug/L
98-06-6	tert-Butylbenzene	1	5	0.25	U	0.25	UJ	ug/L
127-18-4	Tetrachloroethene	1	2	0.25	U	0.25	UJ	ug/L
108-88-3	Toluene	1	2	0.25	U	0.25	UJ	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	0.25	U	0.25	UJ	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	0.25	U	0.25	UJ	ug/L
79-01-6	Trichloroethene	1	2	0.25	U	0.25	UJ	ug/L
75-69-4	Trichlorofluoromethane	1	5	0.25	U	0.25	UJ	ug/L
75-01-4	Vinyl chloride	1	5	0.25	U	0.25	UJ	ug/L
1330-20-7	Xylenes, Total	1	2	0.25	U	0.25	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123TT005**
**Location ID: NA**
**Lab Sample ID: 440-94089-9DL**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 11/23/2014 12:20**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 16:02**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	20	100	5	U	5	U	ug/L
71-55-6	1,1,1-Trichloroethane	20	40	5	U	5	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20	40	5	U	5	U	ug/L
79-00-5	1,1,2-Trichloroethane	20	40	5	U	5	U	ug/L
75-34-3	1,1-Dichloroethane	20	40	5	U	5	U	ug/L
75-35-4	1,1-Dichloroethene	20	100	5	U	5	U	ug/L
563-58-6	1,1-Dichloropropene	20	40	5	U	5	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	20	100	8	U	8	U	ug/L
96-18-4	1,2,3-Trichloropropane	20	200	5	U	5	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	20	100	8	U	8	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	20	40	5	U	5	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20	100	10	U	10	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	20	40	5	U	5	U	ug/L
95-50-1	1,2-Dichlorobenzene	20	40	5	U	5	U	ug/L
107-06-2	1,2-Dichloroethane	20	40	5	U	5	U	ug/L
78-87-5	1,2-Dichloropropane	20	40	5	U	5	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	20	40	5	U	5	U	ug/L
541-73-1	1,3-Dichlorobenzene	20	40	5	U	5	U	ug/L
142-28-9	1,3-Dichloropropane	20	40	5	U	5	U	ug/L
106-46-7	1,4-Dichlorobenzene	20	40	5	U	5	U	ug/L
594-20-7	2,2-Dichloropropane	20	40	8	U	8	U	ug/L
95-49-8	2-Chlorotoluene	20	100	5	U	5	U	ug/L
106-43-4	4-Chlorotoluene	20	100	5	U	5	U	ug/L
71-43-2	Benzene	20	40	5	U	5	U	ug/L
108-86-1	Bromobenzene	20	100	5	U	5	U	ug/L
74-97-5	Bromochloromethane	20	100	5	U	5	U	ug/L
75-27-4	Bromodichloromethane	20	40	5	U	5	U	ug/L
75-25-2	Bromoform	20	100	8	U	8	U	ug/L
74-83-9	Bromomethane	20	100	5	U	5	U	ug/L
56-23-5	Carbon tetrachloride	20	100	5	U	5	U	ug/L
108-90-7	Chlorobenzene	20	40	5	U	5	U	ug/L
75-00-3	Chloroethane	20	100	8	U	8	U	ug/L
67-66-3	Chloroform	20	40	5	U	5	U	ug/L
74-87-3	Chloromethane	20	100	5	U	5	U	ug/L
156-59-2	cis-1,2-Dichloroethene	20	40	5	U	5	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	20	40	5	U	5	U	ug/L
124-48-1	Dibromochloromethane	20	40	5	U	5	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT005**

Sample Matrix : Water

Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/23/2014 12:20**Lab: **TAIRV**Lab Sample ID: **440-94089-9DL**Analysis Date: **11/24/2014 16:02**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	20	40	5	U	5	U	ug/L
75-71-8	Dichlorodifluoromethane	20	100	5	U	5	U	ug/L
100-41-4	Ethylbenzene	20	40	5	U	5	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	20	100	5	U	5	U	ug/L
87-68-3	Hexachlorobutadiene	20	100	5	U	5	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	20	100	5	U	5	U	ug/L
98-82-8	Isopropylbenzene	20	40	5	U	5	U	ug/L
179601-23-1	m,p-Xylene	20	40	10	U	10	U	ug/L
75-09-2	Methylene Chloride	20	100	22	U	22	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	20	20	5	U	5	U	ug/L
91-20-3	Naphthalene	20	100	8	U	8	U	ug/L
104-51-8	n-Butylbenzene	20	100	8	U	8	U	ug/L
103-65-1	N-Propylbenzene	20	40	5	U	5	U	ug/L
95-47-6	o-Xylene	20	40	5	U	5	U	ug/L
99-87-6	p-Isopropyltoluene	20	40	5	U	5	U	ug/L
135-98-8	sec-Butylbenzene	20	100	5	U	5	U	ug/L
100-42-5	Styrene	20	40	5	U	5	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	20	100	5	U	5	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	20	200	100	U	100	U	ug/L
98-06-6	tert-Butylbenzene	20	100	5	U	5	U	ug/L
127-18-4	Tetrachloroethene	20	40	5	U	5	U	ug/L
108-88-3	Toluene	20	40	5	U	5	U	ug/L
156-60-5	trans-1,2-Dichloroethene	20	40	5	U	5	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	20	40	5	U	5	U	ug/L
79-01-6	Trichloroethene	20	40	5	U	5	U	ug/L
75-69-4	Trichlorofluoromethane	20	100	5	U	5	U	ug/L
75-01-4	Vinyl chloride	20	100	5	U	5	U	ug/L
1330-20-7	Xylenes, Total	20	40	5	U	5	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**

COC Sample ID: <b>SACA1123TT006</b>		Sample Matrix : <b>Soil</b>				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/23/2014 13:00</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-10DL</b>		Analysis Date: <b>11/24/2014 12:04</b>				% Solids: <b>49</b>		
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	25	74700	30100	U	30100	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	25	74700	15900	U	15900	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	25	74700	15900	U	15900	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	25	74700	30100	U	30100	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	25	74700	30100	U	30100	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	25	74700	29400	U	29400	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	74700	17000	U	17000	U	ug/Kg
120-83-2	2,4-Dichlorophenol	25	74700	15200	U	15200	U	ug/Kg
105-67-9	2,4-Dimethylphenol	25	74700	29400	U	29400	U	ug/Kg
51-28-5	2,4-Dinitrophenol	25	149000	74700	U	74700	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	25	74700	18100	U	18100	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	74700	21500	U	21500	U	ug/Kg
91-58-7	2-Chloronaphthalene	25	74700	15200	U	15200	U	ug/Kg
95-57-8	2-Chlorophenol	25	74700	15900	U	15900	U	ug/Kg
91-57-6	2-Methylnaphthalene	25	74700	15900	U	15900	U	ug/Kg
95-48-7	2-Methylphenol	25	74700	18100	U	18100	U	ug/Kg
88-74-4	2-Nitroaniline	25	74700	15200	U	15200	U	ug/Kg
88-75-5	2-Nitrophenol	25	74700	30100	U	30100	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	25	188000	34000	U	34000	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	25	74700	30100	U	30100	U	ug/Kg
99-09-2	3-Nitroaniline	25	74700	30100	U	30100	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25	95100	30100	U	30100	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	25	74700	17000	U	17000	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	25	74700	15900	U	15900	U	ug/Kg
106-47-8	4-Chloroaniline	25	74700	30100	U	30100	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	25	74700	19200	U	19200	U	ug/Kg
100-01-6	4-Nitroaniline	25	188000	30100	U	30100	U	ug/Kg
100-02-7	4-Nitrophenol	25	188000	31700	U	31700	U	ug/Kg
83-32-9	Acenaphthene	25	74700	15200	U	15200	U	ug/Kg
208-96-8	Acenaphthylene	25	74700	15900	U	15900	U	ug/Kg
62-53-3	Aniline	25	95100	19200	U	19200	U	ug/Kg
120-12-7	Anthracene	25	74700	18100	U	18100	U	ug/Kg
92-87-5	Benzidine	25	303000	149000	U	149000	U	ug/Kg
56-55-3	Benzo[a]anthracene	25	74700	15900	U	15900	U	ug/Kg
50-32-8	Benzo[a]pyrene	25	74700	15200	U *	15200	UJ	ug/Kg *
205-99-2	Benzo[b]fluoranthene	25	74700	15900	U *	15900	UJ	ug/Kg *
191-24-2	Benzo[g,h,i]perylene	25	74700	24900	U *	24900	UJ	ug/Kg *

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\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123TT006**
**Location ID: NA**
**Lab Sample ID: 440-94089-10DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/23/2014 13:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 12:04**
**% Solids: 49**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	25	74700	15900	U *	15900	UJ	ug/Kg *
65-85-0	Benzoic acid	25	188000	77000	U	77000	U	ug/Kg
100-51-6	Benzyl alcohol	25	74700	34000	U	34000	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	25	74700	30100	U	30100	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	25	74700	30100	U	30100	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	25	74700	15900	U	15900	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	25	74700	20400	U	20400	U	ug/Kg
85-68-7	Butyl benzyl phthalate	25	74700	18100	U	18100	U	ug/Kg
218-01-9	Chrysene	25	74700	17000	U	17000	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	25	95100	22600	U *	22600	UJ	ug/Kg *
132-64-9	Dibenzofuran	25	74700	15200	U	15200	U	ug/Kg
84-66-2	Diethyl phthalate	25	74700	21500	U	21500	U	ug/Kg
131-11-3	Dimethyl phthalate	25	74700	15200	U	15200	U	ug/Kg
84-74-2	Di-n-butyl phthalate	25	74700	20400	U	20400	U	ug/Kg
117-84-0	Di-n-octyl phthalate	25	74700	20400	U	20400	U	ug/Kg
206-44-0	Fluoranthene	25	74700	15900	U	15900	U	ug/Kg
86-73-7	Fluorene	25	74700	15900	U	15900	U	ug/Kg
118-74-1	Hexachlorobenzene	25	74700	15900	U	15900	U	ug/Kg
87-68-3	Hexachlorobutadiene	25	74700	30100	U	30100	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	188000	30100	U	30100	U	ug/Kg
67-72-1	Hexachloroethane	25	74700	30100	U	30100	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	25	74700	29400	U *	29400	UJ	ug/Kg *
78-59-1	Isophorone	25	74700	15200	U	15200	U	ug/Kg
91-20-3	Naphthalene	25	74700	15200	U	15200	U	ug/Kg
98-95-3	Nitrobenzene	25	74700	15900	U	15900	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	25	74700	15900	U	15900	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	25	56600	15900	U	15900	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	74700	18100	U	18100	U	ug/Kg
87-86-5	Pentachlorophenol	25	188000	77000	U	77000	U	ug/Kg
85-01-8	Phenanthrene	25	74700	15200	U	15200	U	ug/Kg
108-95-2	Phenol	25	74700	20400	U	20400	U	ug/Kg
129-00-0	Pyrene	25	74700	18100	U	18100	U	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**

COC Sample ID: <b>SACA1123SD001</b>		Sample Matrix : <b>Soil</b>			Total/Dissolved: <b>T</b>			
Location ID: <b>NA</b>		Sample Date: <b>11/23/2014 12:00</b>			Lab: <b>TAIRV</b>			
Lab Sample ID: <b>440-94089-3DL</b>		Analysis Date: <b>11/24/2014 12:25</b>			% Solids: <b>14.5</b>			
Sample Type: <b>Site Sample</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	100	1030000	416000	U	416000	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	1030000	219000	U	219000	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	100	1030000	219000	U	219000	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	1030000	416000	U	416000	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	1030000	416000	U	416000	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	1030000	406000	U	406000	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	1030000	234000	U	234000	U	ug/Kg
120-83-2	2,4-Dichlorophenol	100	1030000	209000	U	209000	U	ug/Kg
105-67-9	2,4-Dimethylphenol	100	1030000	406000	U	406000	U	ug/Kg
51-28-5	2,4-Dinitrophenol	100	2060000	1030000	U	1030000	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	1030000	250000	U	250000	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	1030000	297000	U	297000	U	ug/Kg
91-58-7	2-Chloronaphthalene	100	1030000	209000	U	209000	U	ug/Kg
95-57-8	2-Chlorophenol	100	1030000	219000	U	219000	U	ug/Kg
91-57-6	2-Methylnaphthalene	100	1030000	219000	U	219000	U	ug/Kg
95-48-7	2-Methylphenol	100	1030000	250000	U	250000	U	ug/Kg
88-74-4	2-Nitroaniline	100	1030000	209000	U	209000	U	ug/Kg
88-75-5	2-Nitrophenol	100	1030000	416000	U	416000	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	100	2590000	469000	U	469000	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	100	1030000	416000	U	416000	U	ug/Kg
99-09-2	3-Nitroaniline	100	1030000	416000	U	416000	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	1310000	416000	U	416000	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	100	1030000	234000	U	234000	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	1030000	219000	U	219000	U	ug/Kg
106-47-8	4-Chloroaniline	100	1030000	416000	U	416000	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	100	1030000	266000	U	266000	U	ug/Kg
100-01-6	4-Nitroaniline	100	2590000	416000	U	416000	U	ug/Kg
100-02-7	4-Nitrophenol	100	2590000	437000	U	437000	U	ug/Kg
83-32-9	Acenaphthene	100	1030000	209000	U	209000	U	ug/Kg
208-96-8	Acenaphthylene	100	1030000	219000	U	219000	U	ug/Kg
62-53-3	Aniline	100	1310000	266000	U	266000	U	ug/Kg
120-12-7	Anthracene	100	1030000	250000	U	250000	U	ug/Kg
92-87-5	Benzidine	100	4190000	2060000	U	2060000	U	ug/Kg
56-55-3	Benzo[a]anthracene	100	1030000	219000	U	219000	U	ug/Kg
50-32-8	Benzo[a]pyrene	100	1030000	209000	U *	209000	UJ	ug/Kg
205-99-2	Benzo[b]fluoranthene	100	1030000	219000	U *	219000	UJ	ug/Kg
191-24-2	Benzo[g,h,i]perylene	100	1030000	344000	U *	344000	UJ	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123SD001**
**Location ID: NA**
**Lab Sample ID: 440-94089-3DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/23/2014 12:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 12:25**
**% Solids: 14.5**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	100	1030000	219000	U *	219000	UJ	ug/Kg
65-85-0	Benzoic acid	100	2590000	1060000	U	1060000	U	ug/Kg
100-51-6	Benzyl alcohol	100	1030000	469000	U	469000	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	100	1030000	416000	U	416000	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	100	1030000	416000	U	416000	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	100	1030000	219000	U	219000	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	100	1030000	281000	U	281000	U	ug/Kg
85-68-7	Butyl benzyl phthalate	100	1030000	250000	U	250000	U	ug/Kg
218-01-9	Chrysene	100	1030000	234000	U	234000	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	100	1310000	312000	U *	312000	UJ	ug/Kg
132-64-9	Dibenzofuran	100	1030000	209000	U	209000	U	ug/Kg
84-66-2	Diethyl phthalate	100	1030000	297000	U	297000	U	ug/Kg
131-11-3	Dimethyl phthalate	100	1030000	209000	U	209000	U	ug/Kg
84-74-2	Di-n-butyl phthalate	100	1030000	281000	U	281000	U	ug/Kg
117-84-0	Di-n-octyl phthalate	100	1030000	281000	U	281000	U	ug/Kg
206-44-0	Fluoranthene	100	1030000	219000	U	219000	U	ug/Kg
86-73-7	Fluorene	100	1030000	219000	U	219000	U	ug/Kg
118-74-1	Hexachlorobenzene	100	1030000	219000	U	219000	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	1030000	416000	U	416000	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	2590000	416000	U	416000	U	ug/Kg
67-72-1	Hexachloroethane	100	1030000	416000	U	416000	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	100	1030000	406000	U *	406000	UJ	ug/Kg
78-59-1	Isophorone	100	1030000	209000	U	209000	U	ug/Kg
91-20-3	Naphthalene	100	1030000	209000	U	209000	U	ug/Kg
98-95-3	Nitrobenzene	100	1030000	219000	U	219000	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	100	1030000	219000	U	219000	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	100	781000	219000	U	219000	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	1030000	250000	U	250000	U	ug/Kg
87-86-5	Pentachlorophenol	100	2590000	1060000	U	1060000	U	ug/Kg
85-01-8	Phenanthrene	100	1030000	209000	U	209000	U	ug/Kg
108-95-2	Phenol	100	1030000	281000	U	281000	U	ug/Kg
129-00-0	Pyrene	100	1030000	250000	U	250000	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**

COC Sample ID: <b>SACA1123SD002</b>		Sample Matrix : <b>Soil</b>			Total/Dissolved: <b>T</b>			
Location ID: <b>NA</b>		Sample Date: <b>11/23/2014 13:00</b>			Lab: <b>TAIRV</b>			
Lab Sample ID: <b>440-94089-4DL</b>		Analysis Date: <b>11/24/2014 11:43</b>			% Solids: <b>14.1</b>			
Sample Type: <b>Site Sample</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	20	201000	80900	U	80900	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	20	201000	42600	U	42600	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	20	201000	42600	U	42600	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	20	201000	80900	U	80900	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	20	201000	80900	U	80900	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	20	201000	79100	U	79100	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	20	201000	45600	U	45600	U	ug/Kg
120-83-2	2,4-Dichlorophenol	20	201000	40700	U	40700	U	ug/Kg
105-67-9	2,4-Dimethylphenol	20	201000	79100	U	79100	U	ug/Kg
51-28-5	2,4-Dinitrophenol	20	401000	201000	U	201000	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	20	201000	48700	U	48700	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	201000	57800	U	57800	U	ug/Kg
91-58-7	2-Chloronaphthalene	20	201000	40700	U	40700	U	ug/Kg
95-57-8	2-Chlorophenol	20	201000	42600	U	42600	U	ug/Kg
91-57-6	2-Methylnaphthalene	20	201000	42600	U	42600	U	ug/Kg
95-48-7	2-Methylphenol	20	201000	48700	U	48700	U	ug/Kg
88-74-4	2-Nitroaniline	20	201000	40700	U	40700	U	ug/Kg
88-75-5	2-Nitrophenol	20	201000	80900	U	80900	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	20	505000	91200	U	91200	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	20	201000	80900	U	80900	U	ug/Kg
99-09-2	3-Nitroaniline	20	201000	80900	U	80900	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	255000	80900	U	80900	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	20	201000	45600	U	45600	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	20	201000	42600	U	42600	U	ug/Kg
106-47-8	4-Chloroaniline	20	201000	80900	U	80900	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	20	201000	51700	U	51700	U	ug/Kg
100-01-6	4-Nitroaniline	20	505000	80900	U	80900	U	ug/Kg
100-02-7	4-Nitrophenol	20	505000	85100	U	85100	U	ug/Kg
83-32-9	Acenaphthene	20	201000	40700	U	40700	U	ug/Kg
208-96-8	Acenaphthylene	20	201000	42600	U	42600	U	ug/Kg
62-53-3	Aniline	20	255000	51700	U	51700	U	ug/Kg
120-12-7	Anthracene	20	201000	48700	U	48700	U	ug/Kg
92-87-5	Benzidine	20	815000	401000	U	401000	U	ug/Kg
56-55-3	Benzo[a]anthracene	20	201000	42600	U	42600	U	ug/Kg
50-32-8	Benzo[a]pyrene	20	201000	40700	U *	40700	UJ	ug/Kg *
205-99-2	Benzo[b]fluoranthene	20	201000	42600	U *	42600	UJ	ug/Kg *
191-24-2	Benzo[g,h,i]perylene	20	201000	66900	U *	66900	UJ	ug/Kg *

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-1**
**COC Sample ID: SACAC1123SD002**
**Location ID: NA**
**Lab Sample ID: 440-94089-4DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/23/2014 13:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/24/2014 11:43**
**% Solids: 14.1**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	20	201000	42600	U *	42600	UJ	ug/Kg
65-85-0	Benzoic acid	20	505000	207000	U	207000	U	ug/Kg
100-51-6	Benzyl alcohol	20	201000	91200	U	91200	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	20	201000	80900	U	80900	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	20	201000	80900	U	80900	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	20	201000	42600	U	42600	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	20	201000	54700	U	54700	U	ug/Kg
85-68-7	Butyl benzyl phthalate	20	201000	48700	U	48700	U	ug/Kg
218-01-9	Chrysene	20	201000	45600	U	45600	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	20	255000	60800	U *	60800	UJ	ug/Kg
132-64-9	Dibenzofuran	20	201000	40700	U	40700	U	ug/Kg
84-66-2	Diethyl phthalate	20	201000	57800	U	57800	U	ug/Kg
131-11-3	Dimethyl phthalate	20	201000	40700	U	40700	U	ug/Kg
84-74-2	Di-n-butyl phthalate	20	201000	54700	U	54700	U	ug/Kg
117-84-0	Di-n-octyl phthalate	20	201000	54700	U	54700	U	ug/Kg
206-44-0	Fluoranthene	20	201000	42600	U	42600	U	ug/Kg
86-73-7	Fluorene	20	201000	42600	U	42600	U	ug/Kg
118-74-1	Hexachlorobenzene	20	201000	42600	U	42600	U	ug/Kg
87-68-3	Hexachlorobutadiene	20	201000	80900	U	80900	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	505000	80900	U	80900	U	ug/Kg
67-72-1	Hexachloroethane	20	201000	80900	U	80900	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	20	201000	79100	U *	79100	UJ	ug/Kg
78-59-1	Isophorone	20	201000	40700	U	40700	U	ug/Kg
91-20-3	Naphthalene	20	201000	40700	U	40700	U	ug/Kg
98-95-3	Nitrobenzene	20	201000	42600	U	42600	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	20	201000	42600	U	42600	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	20	152000	42600	U	42600	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	20	201000	48700	U	48700	U	ug/Kg
87-86-5	Pentachlorophenol	20	505000	207000	U	207000	U	ug/Kg
85-01-8	Phenanthrene	20	201000	40700	U	40700	U	ug/Kg
108-95-2	Phenol	20	201000	54700	U	54700	U	ug/Kg
129-00-0	Pyrene	20	201000	48700	U	48700	U	ug/Kg

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\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: <b>SACA1123SL001</b>		Sample Matrix : Water				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/23/2014 12:00				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-1DL</b>		Analysis Date: 11/26/2014 4:02						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	25	253	126	U	126	U	ug/L
95-50-1	1,2-Dichlorobenzene	25	253	126	U	126	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	25	505	253	U	253	U	ug/L
541-73-1	1,3-Dichlorobenzene	25	253	126	U	126	U	ug/L
106-46-7	1,4-Dichlorobenzene	25	253	126	U	126	U	ug/L
95-95-4	2,4,5-Trichlorophenol	25	505	253	U	253	U	ug/L
88-06-2	2,4,6-Trichlorophenol	25	505	253	U	253	U	ug/L
120-83-2	2,4-Dichlorophenol	25	253	126	U	126	U	ug/L
105-67-9	2,4-Dimethylphenol	25	505	253	U	253	U	ug/L
51-28-5	2,4-Dinitrophenol	25	1010	505	U	505	U	ug/L
121-14-2	2,4-Dinitrotoluene	25	253	126	U	126	U	ug/L
606-20-2	2,6-Dinitrotoluene	25	253	126	U	126	U	ug/L
91-58-7	2-Chloronaphthalene	25	253	126	U	126	U	ug/L
95-57-8	2-Chlorophenol	25	253	126	U	126	U	ug/L
91-57-6	2-Methylnaphthalene	25	253	126	U	126	U	ug/L
95-48-7	2-Methylphenol	25	253	126	U	126	U	ug/L
88-74-4	2-Nitroaniline	25	505	253	U	253	U	ug/L
88-75-5	2-Nitrophenol	25	253	126	U	126	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	25	505	253	U *	253	U *	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	25	253	126	U	126	U	ug/L
99-09-2	3-Nitroaniline	25	505	253	U	253	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	25	505	253	U	253	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	25	253	126	U	126	U	ug/L
59-50-7	4-Chloro-3-methylphenol	25	505	253	U	253	U	ug/L
106-47-8	4-Chloroaniline	25	253	126	U	126	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	25	253	126	U	126	U	ug/L
100-01-6	4-Nitroaniline	25	505	253	U	253	U	ug/L
100-02-7	4-Nitrophenol	25	505	253	U	253	U	ug/L
83-32-9	Acenaphthene	25	253	126	U	126	U	ug/L
208-96-8	Acenaphthylene	25	253	126	U	126	U	ug/L
62-53-3	Aniline	25	253	126	U	126	U	ug/L
120-12-7	Anthracene	25	253	126	U	126	U	ug/L
92-87-5	Benzidine	25	1010	505	U	505	U	ug/L
56-55-3	Benzo[a]anthracene	25	253	126	U	126	U	ug/L
50-32-8	Benzo[a]pyrene	25	253	126	U	126	U	ug/L
205-99-2	Benzo[b]fluoranthene	25	253	126	U	126	U	ug/L
191-24-2	Benzo[g,h,i]perylene	25	253	126	U	126	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123SL001**Location ID: **NA**Lab Sample ID: **440-94089-1DL**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **11/23/2014 12:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/26/2014 4:02**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	25	253	126	U	126	U	ug/L
65-85-0	Benzoic acid	25	505	253	U	253	U	ug/L
100-51-6	Benzyl alcohol	25	505	253	U	253	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	25	253	126	U	126	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	25	253	126	U	126	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	25	253	126	U	126	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	25	505	253	U	253	U	ug/L
85-68-7	Butyl benzyl phthalate	25	505	253	U	253	U	ug/L
218-01-9	Chrysene	25	253	126	U	126	U	ug/L
53-70-3	Dibenz(a,h)anthracene	25	505	253	U	253	U	ug/L
132-64-9	Dibenzofuran	25	253	126	U	126	U	ug/L
84-66-2	Diethyl phthalate	25	253	126	U	126	U	ug/L
131-11-3	Dimethyl phthalate	25	253	126	U	126	U	ug/L
84-74-2	Di-n-butyl phthalate	25	505	253	U	253	U	ug/L
117-84-0	Di-n-octyl phthalate	25	505	253	U	253	U	ug/L
206-44-0	Fluoranthene	25	253	126	U	126	U	ug/L
86-73-7	Fluorene	25	253	126	U	126	U	ug/L
118-74-1	Hexachlorobenzene	25	253	126	U	126	U	ug/L
87-68-3	Hexachlorobutadiene	25	253	126	U	126	U	ug/L
77-47-4	Hexachlorocyclopentadiene	25	505	253	U	253	U	ug/L
67-72-1	Hexachloroethane	25	253	126	U	126	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	25	505	253	U	253	U	ug/L
78-59-1	Isophorone	25	253	126	U	126	U	ug/L
91-20-3	Naphthalene	25	253	126	U	126	U	ug/L
98-95-3	Nitrobenzene	25	505	253	U	253	U	ug/L
62-75-9	N-Nitrosodimethylamine	25	505	63.1	U	63.1	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	25	253	126	U	126	U	ug/L
86-30-6	N-Nitrosodiphenylamine	25	253	126	U	126	U	ug/L
87-86-5	Pentachlorophenol	25	505	253	U	253	U	ug/L
85-01-8	Phenanthrene	25	253	126	U	126	U	ug/L
108-95-2	Phenol	25	253	126	U	126	U	ug/L
129-00-0	Pyrene	25	253	126	U	126	U	ug/L

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**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: <b>SACA1123SL002</b>		Sample Matrix : Water				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/23/2014 13:00				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-2DL</b>		Analysis Date: 11/26/2014 4:24						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	40	402	201	U	201	U	ug/L
95-50-1	1,2-Dichlorobenzene	40	402	201	U	201	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	40	804	402	U	402	U	ug/L
541-73-1	1,3-Dichlorobenzene	40	402	201	U	201	U	ug/L
106-46-7	1,4-Dichlorobenzene	40	402	201	U	201	U	ug/L
95-95-4	2,4,5-Trichlorophenol	40	804	402	U	402	U	ug/L
88-06-2	2,4,6-Trichlorophenol	40	804	402	U	402	U	ug/L
120-83-2	2,4-Dichlorophenol	40	402	201	U	201	U	ug/L
105-67-9	2,4-Dimethylphenol	40	804	402	U	402	U	ug/L
51-28-5	2,4-Dinitrophenol	40	1610	804	U	804	U	ug/L
121-14-2	2,4-Dinitrotoluene	40	402	201	U	201	U	ug/L
606-20-2	2,6-Dinitrotoluene	40	402	201	U	201	U	ug/L
91-58-7	2-Chloronaphthalene	40	402	201	U	201	U	ug/L
95-57-8	2-Chlorophenol	40	402	201	U	201	U	ug/L
91-57-6	2-Methylnaphthalene	40	402	201	U	201	U	ug/L
95-48-7	2-Methylphenol	40	402	201	U	201	U	ug/L
88-74-4	2-Nitroaniline	40	804	402	U	402	U	ug/L
88-75-5	2-Nitrophenol	40	402	201	U	201	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	40	804	402	U *	402	U *	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	40	402	201	U	201	U	ug/L
99-09-2	3-Nitroaniline	40	804	402	U	402	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	40	804	402	U	402	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	40	402	201	U	201	U	ug/L
59-50-7	4-Chloro-3-methylphenol	40	804	402	U	402	U	ug/L
106-47-8	4-Chloroaniline	40	402	201	U	201	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	40	402	201	U	201	U	ug/L
100-01-6	4-Nitroaniline	40	804	402	U	402	U	ug/L
100-02-7	4-Nitrophenol	40	804	402	U	402	U	ug/L
83-32-9	Acenaphthene	40	402	201	U	201	U	ug/L
208-96-8	Acenaphthylene	40	402	201	U	201	U	ug/L
62-53-3	Aniline	40	402	201	U	201	U	ug/L
120-12-7	Anthracene	40	402	201	U	201	U	ug/L
92-87-5	Benzidine	40	1610	804	U	804	U	ug/L
56-55-3	Benzo[a]anthracene	40	402	201	U	201	U	ug/L
50-32-8	Benzo[a]pyrene	40	402	201	U	201	U	ug/L
205-99-2	Benzo[b]fluoranthene	40	402	201	U	201	U	ug/L
191-24-2	Benzo[g,h,i]perylene	40	402	201	U	201	U	ug/L

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U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123SL002**Location ID: **NA**Lab Sample ID: **440-94089-2DL**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/26/2014 4:24**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	40	402	201	U	201	U	ug/L
65-85-0	Benzoic acid	40	804	402	U	402	U	ug/L
100-51-6	Benzyl alcohol	40	804	402	U	402	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	40	402	201	U	201	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	40	402	201	U	201	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	40	402	201	U	201	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	40	804	402	U	402	U	ug/L
85-68-7	Butyl benzyl phthalate	40	804	402	U	402	U	ug/L
218-01-9	Chrysene	40	402	201	U	201	U	ug/L
53-70-3	Dibenz(a,h)anthracene	40	804	402	U	402	U	ug/L
132-64-9	Dibenzofuran	40	402	201	U	201	U	ug/L
84-66-2	Diethyl phthalate	40	402	201	U	201	U	ug/L
131-11-3	Dimethyl phthalate	40	402	201	U	201	U	ug/L
84-74-2	Di-n-butyl phthalate	40	804	402	U	402	U	ug/L
117-84-0	Di-n-octyl phthalate	40	804	402	U	402	U	ug/L
206-44-0	Fluoranthene	40	402	201	U	201	U	ug/L
86-73-7	Fluorene	40	402	201	U	201	U	ug/L
118-74-1	Hexachlorobenzene	40	402	201	U	201	U	ug/L
87-68-3	Hexachlorobutadiene	40	402	201	U	201	U	ug/L
77-47-4	Hexachlorocyclopentadiene	40	804	402	U	402	U	ug/L
67-72-1	Hexachloroethane	40	402	201	U	201	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	40	804	402	U	402	U	ug/L
78-59-1	Isophorone	40	402	201	U	201	U	ug/L
91-20-3	Naphthalene	40	402	201	U	201	U	ug/L
98-95-3	Nitrobenzene	40	804	402	U	402	U	ug/L
62-75-9	N-Nitrosodimethylamine	40	804	101	U	101	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	40	402	201	U	201	U	ug/L
86-30-6	N-Nitrosodiphenylamine	40	402	201	U	201	U	ug/L
87-86-5	Pentachlorophenol	40	804	402	U	402	U	ug/L
85-01-8	Phenanthrene	40	402	201	U	201	U	ug/L
108-95-2	Phenol	40	402	201	U	201	U	ug/L
129-00-0	Pyrene	40	402	201	U	201	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-2**

COC Sample ID: <b>SACA1123TT001</b>	Sample Matrix : Water				Total/Dissolved: <b>T</b>			
Location ID: <b>NA</b>	Sample Date: <b>11/23/2014 11:20</b>				Lab: <b>TAIRV</b>			
Lab Sample ID: <b>440-94089-5</b>	Analysis Date: <b>11/26/2014 2:54</b>							
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	1	10.1	5.05	U	5.05	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	10.1	5.05	U	5.05	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	1	20.2	10.1	U	10.1	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	10.1	5.05	U	5.05	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	10.1	5.05	U	5.05	U	ug/L
95-95-4	2,4,5-Trichlorophenol	1	20.2	10.1	U	R	ug/L	*
88-06-2	2,4,6-Trichlorophenol	1	20.2	10.1	U	R	ug/L	*
120-83-2	2,4-Dichlorophenol	1	10.1	5.05	U	R	ug/L	*
105-67-9	2,4-Dimethylphenol	1	20.2	10.1	U	R	ug/L	*
51-28-5	2,4-Dinitrophenol	1	40.4	20.2	U	R	ug/L	*
121-14-2	2,4-Dinitrotoluene	1	10.1	5.05	U	5.05	U	ug/L
606-20-2	2,6-Dinitrotoluene	1	10.1	5.05	U	5.05	U	ug/L
91-58-7	2-Chloronaphthalene	1	10.1	5.05	U	5.05	U	ug/L
95-57-8	2-Chlorophenol	1	10.1	5.05	U	R	ug/L	*
91-57-6	2-Methylnaphthalene	1	10.1	5.05	U	5.05	U	ug/L
95-48-7	2-Methylphenol	1	10.1	5.05	U	R	ug/L	*
88-74-4	2-Nitroaniline	1	20.2	10.1	U	10.1	U	ug/L
88-75-5	2-Nitrophenol	1	10.1	5.05	U	R	ug/L	*
91-94-1	3,3'-Dichlorobenzidine	1	20.2	10.1	U *	10.1	U *	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	1	10.1	5.05	U	R	ug/L	*
99-09-2	3-Nitroaniline	1	20.2	10.1	U	10.1	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1	20.2	10.1	U	R	ug/L	*
101-55-3	4-Bromophenyl phenyl ether	1	10.1	5.05	U	5.05	U	ug/L
59-50-7	4-Chloro-3-methylphenol	1	20.2	10.1	U	R	ug/L	*
106-47-8	4-Chloroaniline	1	10.1	5.05	U	5.05	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	1	10.1	5.05	U	5.05	U	ug/L
100-01-6	4-Nitroaniline	1	20.2	10.1	U	10.1	U	ug/L
100-02-7	4-Nitrophenol	1	20.2	10.1	U	R	ug/L	*
83-32-9	Acenaphthene	1	10.1	5.05	U	5.05	U	ug/L
208-96-8	Acenaphthylene	1	10.1	5.05	U	5.05	U	ug/L
62-53-3	Aniline	1	10.1	5.05	U	5.05	U	ug/L
120-12-7	Anthracene	1	10.1	5.05	U	5.05	U	ug/L
92-87-5	Benzidine	1	40.4	20.2	U	20.2	U	ug/L
56-55-3	Benzo[a]anthracene	1	10.1	5.05	U	5.05	U	ug/L
50-32-8	Benzo[a]pyrene	1	10.1	5.05	U	5.05	U	ug/L
205-99-2	Benzo[b]fluoranthene	1	10.1	5.05	U	5.05	U	ug/L
191-24-2	Benzo[g,h,i]perylene	1	10.1	5.05	U	5.05	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: <b>SACA1123TT001</b>		Sample Matrix : Water				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/23/2014 11:20				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-5</b>		Analysis Date: 11/26/2014 2:54						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	1	10.1	5.05	U	5.05	U	ug/L
65-85-0	Benzoic acid	1	20.2	10.1	U	10.1	U	ug/L
100-51-6	Benzyl alcohol	1	20.2	10.1	U	10.1	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	1	10.1	5.05	U	5.05	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	1	10.1	5.05	U	5.05	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	1	10.1	5.05	U	5.05	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	1	20.2	10.1	U	10.1	U	ug/L
85-68-7	Butyl benzyl phthalate	1	20.2	10.1	U	10.1	U	ug/L
218-01-9	Chrysene	1	10.1	5.05	U	5.05	U	ug/L
53-70-3	Dibenz(a,h)anthracene	1	20.2	10.1	U	10.1	U	ug/L
132-64-9	Dibenzofuran	1	10.1	5.05	U	5.05	U	ug/L
84-66-2	Diethyl phthalate	1	10.1	5.05	U	5.05	U	ug/L
131-11-3	Dimethyl phthalate	1	10.1	5.05	U	5.05	U	ug/L
84-74-2	Di-n-butyl phthalate	1	20.2	10.1	U	10.1	U	ug/L
117-84-0	Di-n-octyl phthalate	1	20.2	10.1	U	10.1	U	ug/L
206-44-0	Fluoranthene	1	10.1	5.05	U	5.05	U	ug/L
86-73-7	Fluorene	1	10.1	5.05	U	5.05	U	ug/L
118-74-1	Hexachlorobenzene	1	10.1	5.05	U	5.05	U	ug/L
87-68-3	Hexachlorobutadiene	1	10.1	5.05	U	5.05	U	ug/L
77-47-4	Hexachlorocyclopentadiene	1	20.2	10.1	U	10.1	U	ug/L
67-72-1	Hexachloroethane	1	10.1	5.05	U	5.05	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	1	20.2	10.1	U	10.1	U	ug/L
78-59-1	Isophorone	1	10.1	5.05	U	5.05	U	ug/L
91-20-3	Naphthalene	1	10.1	5.05	U	5.05	U	ug/L
98-95-3	Nitrobenzene	1	20.2	10.1	U	10.1	U	ug/L
62-75-9	N-Nitrosodimethylamine	1	20.2	2.53	U	2.53	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	1	10.1	5.05	U	5.05	U	ug/L
86-30-6	N-Nitrosodiphenylamine	1	10.1	5.05	U	5.05	U	ug/L
87-86-5	Pentachlorophenol	1	20.2	10.1	U	R	ug/L	*
85-01-8	Phenanthrene	1	10.1	5.05	U	5.05	U	ug/L
108-95-2	Phenol	1	10.1	5.05	U	R	ug/L	*
129-00-0	Pyrene	1	10.1	5.05	U	5.05	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-2**
**COC Sample ID: SACAC1123TT002**
**Location ID: NA**
**Lab Sample ID: 440-94089-6DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Water**
**Sample Date: 11/23/2014 11:40**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/26/2014 3:39**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	4	48.2	24.1	U	24.1	UJ	ug/L
95-50-1	1,2-Dichlorobenzene	4	48.2	24.1	U	24.1	UJ	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	4	96.4	48.2	U	48.2	UJ	ug/L
541-73-1	1,3-Dichlorobenzene	4	48.2	24.1	U	24.1	UJ	ug/L
106-46-7	1,4-Dichlorobenzene	4	48.2	24.1	U	24.1	UJ	ug/L
95-95-4	2,4,5-Trichlorophenol	4	96.4	48.2	U	48.2	U	ug/L
88-06-2	2,4,6-Trichlorophenol	4	96.4	48.2	U	48.2	U	ug/L
120-83-2	2,4-Dichlorophenol	4	48.2	24.1	U	24.1	U	ug/L
105-67-9	2,4-Dimethylphenol	4	96.4	48.2	U	48.2	U	ug/L
51-28-5	2,4-Dinitrophenol	4	193	96.4	U	96.4	U	ug/L
121-14-2	2,4-Dinitrotoluene	4	48.2	24.1	U	24.1	UJ	ug/L
606-20-2	2,6-Dinitrotoluene	4	48.2	24.1	U	24.1	UJ	ug/L
91-58-7	2-Chloronaphthalene	4	48.2	24.1	U	24.1	UJ	ug/L
95-57-8	2-Chlorophenol	4	48.2	24.1	U	24.1	U	ug/L
91-57-6	2-Methylnaphthalene	4	48.2	24.1	U	24.1	UJ	ug/L
95-48-7	2-Methylphenol	4	48.2	24.1	U	24.1	U	ug/L
88-74-4	2-Nitroaniline	4	96.4	48.2	U	48.2	UJ	ug/L
88-75-5	2-Nitrophenol	4	48.2	24.1	U	24.1	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	4	96.4	48.2	U *	48.2	UJ	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	4	48.2	24.1	U	24.1	U	ug/L
99-09-2	3-Nitroaniline	4	96.4	48.2	U	48.2	UJ	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4	96.4	48.2	U	48.2	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	4	48.2	24.1	U	24.1	UJ	ug/L
59-50-7	4-Chloro-3-methylphenol	4	96.4	48.2	U	48.2	U	ug/L
106-47-8	4-Chloroaniline	4	48.2	24.1	U	24.1	UJ	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	4	48.2	24.1	U	24.1	UJ	ug/L
100-01-6	4-Nitroaniline	4	96.4	48.2	U	48.2	UJ	ug/L
100-02-7	4-Nitrophenol	4	96.4	48.2	U	48.2	U	ug/L
83-32-9	Acenaphthene	4	48.2	24.1	U	24.1	UJ	ug/L
208-96-8	Acenaphthylene	4	48.2	24.1	U	24.1	UJ	ug/L
62-53-3	Aniline	4	48.2	24.1	U	24.1	UJ	ug/L
120-12-7	Anthracene	4	48.2	24.1	U	24.1	UJ	ug/L
92-87-5	Benzidine	4	193	96.4	U	96.4	UJ	ug/L
56-55-3	Benzo[a]anthracene	4	48.2	24.1	U	24.1	UJ	ug/L
50-32-8	Benzo[a]pyrene	4	48.2	24.1	U	24.1	UJ	ug/L
205-99-2	Benzo[b]fluoranthene	4	48.2	24.1	U	24.1	UJ	ug/L
191-24-2	Benzo[g,h,i]perylene	4	48.2	24.1	U	24.1	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-2**
**COC Sample ID: SACAC1123TT002**
**Location ID: NA**
**Lab Sample ID: 440-94089-6DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Water**
**Sample Date: 11/23/2014 11:40**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/26/2014 3:39**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	4	48.2	24.1	U	24.1	UJ	ug/L
65-85-0	Benzoic acid	4	96.4	48.2	U	48.2	UJ	ug/L
100-51-6	Benzyl alcohol	4	96.4	48.2	U	48.2	UJ	ug/L
108-60-1	bis (2-chloroisopropyl) ether	4	48.2	24.1	U	24.1	UJ	ug/L
111-91-1	Bis(2-chloroethoxy)methane	4	48.2	24.1	U	24.1	UJ	ug/L
111-44-4	Bis(2-chloroethyl)ether	4	48.2	24.1	U	24.1	UJ	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	4	96.4	145		145	J	ug/L
85-68-7	Butyl benzyl phthalate	4	96.4	48.2	U	48.2	UJ	ug/L
218-01-9	Chrysene	4	48.2	24.1	U	24.1	UJ	ug/L
53-70-3	Dibenz(a,h)anthracene	4	96.4	48.2	U	48.2	UJ	ug/L
132-64-9	Dibenzofuran	4	48.2	24.1	U	24.1	UJ	ug/L
84-66-2	Diethyl phthalate	4	48.2	24.1	U	24.1	UJ	ug/L
131-11-3	Dimethyl phthalate	4	48.2	24.1	U	24.1	UJ	ug/L
84-74-2	Di-n-butyl phthalate	4	96.4	48.2	U	48.2	UJ	ug/L
117-84-0	Di-n-octyl phthalate	4	96.4	48.2	U	48.2	UJ	ug/L
206-44-0	Fluoranthene	4	48.2	24.1	U	24.1	UJ	ug/L
86-73-7	Fluorene	4	48.2	24.1	U	24.1	UJ	ug/L
118-74-1	Hexachlorobenzene	4	48.2	24.1	U	24.1	UJ	ug/L
87-68-3	Hexachlorobutadiene	4	48.2	24.1	U	24.1	UJ	ug/L
77-47-4	Hexachlorocyclopentadiene	4	96.4	48.2	U	48.2	UJ	ug/L
67-72-1	Hexachloroethane	4	48.2	24.1	U	24.1	UJ	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	4	96.4	48.2	U	48.2	UJ	ug/L
78-59-1	Isophorone	4	48.2	24.1	U	24.1	UJ	ug/L
91-20-3	Naphthalene	4	48.2	24.1	U	24.1	UJ	ug/L
98-95-3	Nitrobenzene	4	96.4	48.2	U	48.2	UJ	ug/L
62-75-9	N-Nitrosodimethylamine	4	96.4	12	U	12	UJ	ug/L
621-64-7	N-Nitrosodi-n-propylamine	4	48.2	24.1	U	24.1	UJ	ug/L
86-30-6	N-Nitrosodiphenylamine	4	48.2	24.1	U	24.1	UJ	ug/L
87-86-5	Pentachlorophenol	4	96.4	48.2	U	48.2	U	ug/L
85-01-8	Phenanthrene	4	48.2	24.1	U	24.1	UJ	ug/L
108-95-2	Phenol	4	48.2	24.1	U	24.1	U	ug/L
129-00-0	Pyrene	4	48.2	24.1	U	24.1	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-2**

COC Sample ID: <b>SACA1123TT003</b>		Sample Matrix : Water				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/23/2014 12:00</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-7</b>		Analysis Date: <b>11/26/2014 2:31</b>						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	1	10.9	5.46	U	5.46	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	10.9	5.46	U	5.46	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	1	21.9	10.9	U	10.9	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	10.9	5.46	U	5.46	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	10.9	5.46	U	5.46	U	ug/L
95-95-4	2,4,5-Trichlorophenol	1	21.9	10.9	U	R	ug/L	*
88-06-2	2,4,6-Trichlorophenol	1	21.9	10.9	U	R	ug/L	*
120-83-2	2,4-Dichlorophenol	1	10.9	5.46	U	R	ug/L	*
105-67-9	2,4-Dimethylphenol	1	21.9	10.9	U	R	ug/L	*
51-28-5	2,4-Dinitrophenol	1	43.7	21.9	U	R	ug/L	*
121-14-2	2,4-Dinitrotoluene	1	10.9	5.46	U	5.46	U	ug/L
606-20-2	2,6-Dinitrotoluene	1	10.9	5.46	U	5.46	U	ug/L
91-58-7	2-Chloronaphthalene	1	10.9	5.46	U	5.46	U	ug/L
95-57-8	2-Chlorophenol	1	10.9	5.46	U	R	ug/L	*
91-57-6	2-Methylnaphthalene	1	10.9	5.46	U	5.46	U	ug/L
95-48-7	2-Methylphenol	1	10.9	5.46	U	R	ug/L	*
88-74-4	2-Nitroaniline	1	21.9	10.9	U	10.9	U	ug/L
88-75-5	2-Nitrophenol	1	10.9	5.46	U	R	ug/L	*
91-94-1	3,3'-Dichlorobenzidine	1	21.9	10.9	U *	10.9	U *	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	1	10.9	5.46	U	R	ug/L	*
99-09-2	3-Nitroaniline	1	21.9	10.9	U	10.9	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1	21.9	10.9	U	R	ug/L	*
101-55-3	4-Bromophenyl phenyl ether	1	10.9	5.46	U	5.46	U	ug/L
59-50-7	4-Chloro-3-methylphenol	1	21.9	10.9	U	R	ug/L	*
106-47-8	4-Chloroaniline	1	10.9	5.46	U	5.46	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	1	10.9	5.46	U	5.46	U	ug/L
100-01-6	4-Nitroaniline	1	21.9	10.9	U	10.9	U	ug/L
100-02-7	4-Nitrophenol	1	21.9	10.9	U	R	ug/L	*
83-32-9	Acenaphthene	1	10.9	5.46	U	5.46	U	ug/L
208-96-8	Acenaphthylene	1	10.9	5.46	U	5.46	U	ug/L
62-53-3	Aniline	1	10.9	5.46	U	5.46	U	ug/L
120-12-7	Anthracene	1	10.9	5.46	U	5.46	U	ug/L
92-87-5	Benzidine	1	43.7	21.9	U	21.9	U	ug/L
56-55-3	Benzo[a]anthracene	1	10.9	5.46	U	5.46	U	ug/L
50-32-8	Benzo[a]pyrene	1	10.9	5.46	U *	5.46	UJ	ug/L
205-99-2	Benzo[b]fluoranthene	1	10.9	5.46	U *	5.46	UJ	ug/L
191-24-2	Benzo[g,h,i]perylene	1	10.9	5.46	U *	5.46	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-2**
**COC Sample ID: SACAC1123TT003**
**Location ID: NA**
**Lab Sample ID: 440-94089-7**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Water**
**Sample Date: 11/23/2014 12:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 11/26/2014 2:31**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	1	10.9	5.46	U *	5.46	UJ	ug/L
65-85-0	Benzoic acid	1	21.9	10.9	U	10.9	U	ug/L
100-51-6	Benzyl alcohol	1	21.9	10.9	U	10.9	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	1	10.9	5.46	U	5.46	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	1	10.9	5.46	U	5.46	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	1	10.9	5.46	U	5.46	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	1	21.9	10.9	U	10.9	U	ug/L
85-68-7	Butyl benzyl phthalate	1	21.9	10.9	U	10.9	U	ug/L
218-01-9	Chrysene	1	10.9	5.46	U	5.46	U	ug/L
53-70-3	Dibenz(a,h)anthracene	1	21.9	10.9	U *	10.9	UJ	ug/L
132-64-9	Dibenzofuran	1	10.9	5.46	U	5.46	U	ug/L
84-66-2	Diethyl phthalate	1	10.9	5.46	U	5.46	U	ug/L
131-11-3	Dimethyl phthalate	1	10.9	5.46	U	5.46	U	ug/L
84-74-2	Di-n-butyl phthalate	1	21.9	10.9	U	10.9	U	ug/L
117-84-0	Di-n-octyl phthalate	1	21.9	10.9	U	10.9	U	ug/L
206-44-0	Fluoranthene	1	10.9	5.46	U	5.46	U	ug/L
86-73-7	Fluorene	1	10.9	5.46	U	5.46	U	ug/L
118-74-1	Hexachlorobenzene	1	10.9	5.46	U	5.46	U	ug/L
87-68-3	Hexachlorobutadiene	1	10.9	5.46	U	5.46	U	ug/L
77-47-4	Hexachlorocyclopentadiene	1	21.9	10.9	U	10.9	U	ug/L
67-72-1	Hexachloroethane	1	10.9	5.46	U	5.46	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	1	21.9	10.9	U *	10.9	UJ	ug/L
78-59-1	Isophorone	1	10.9	5.46	U	5.46	U	ug/L
91-20-3	Naphthalene	1	10.9	5.46	U	5.46	U	ug/L
98-95-3	Nitrobenzene	1	21.9	10.9	U	10.9	U	ug/L
62-75-9	N-Nitrosodimethylamine	1	21.9	2.73	U	2.73	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	1	10.9	5.46	U	5.46	U	ug/L
86-30-6	N-Nitrosodiphenylamine	1	10.9	5.46	U	5.46	U	ug/L
87-86-5	Pentachlorophenol	1	21.9	10.9	U	R	ug/L	*
85-01-8	Phenanthrene	1	10.9	5.46	U	5.46	U	ug/L
108-95-2	Phenol	1	10.9	5.46	U	R	ug/L	*
129-00-0	Pyrene	1	10.9	5.46	U	5.46	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94089-2**

COC Sample ID: <b>SACA1123TT004</b>		Sample Matrix : Water				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/23/2014 12:10</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-8</b>		Analysis Date: <b>11/26/2014 3:16</b>						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	1	10.6	5.32	U	5.32	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	10.6	5.32	U	5.32	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	1	21.3	10.6	U	10.6	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	10.6	5.32	U	5.32	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	10.6	5.32	U	5.32	U	ug/L
95-95-4	2,4,5-Trichlorophenol	1	21.3	10.6	U	R	ug/L	*
88-06-2	2,4,6-Trichlorophenol	1	21.3	10.6	U	R	ug/L	*
120-83-2	2,4-Dichlorophenol	1	10.6	5.32	U	R	ug/L	*
105-67-9	2,4-Dimethylphenol	1	21.3	10.6	U	R	ug/L	*
51-28-5	2,4-Dinitrophenol	1	42.6	21.3	U	R	ug/L	*
121-14-2	2,4-Dinitrotoluene	1	10.6	5.32	U	5.32	U	ug/L
606-20-2	2,6-Dinitrotoluene	1	10.6	5.32	U	5.32	U	ug/L
91-58-7	2-Chloronaphthalene	1	10.6	5.32	U	5.32	U	ug/L
95-57-8	2-Chlorophenol	1	10.6	5.32	U	R	ug/L	*
91-57-6	2-Methylnaphthalene	1	10.6	5.32	U	5.32	U	ug/L
95-48-7	2-Methylphenol	1	10.6	5.32	U	R	ug/L	*
88-74-4	2-Nitroaniline	1	21.3	10.6	U	10.6	U	ug/L
88-75-5	2-Nitrophenol	1	10.6	5.32	U	R	ug/L	*
91-94-1	3,3'-Dichlorobenzidine	1	21.3	10.6	U *	10.6	U *	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	1	10.6	5.32	U	R	ug/L	*
99-09-2	3-Nitroaniline	1	21.3	10.6	U	10.6	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1	21.3	10.6	U	R	ug/L	*
101-55-3	4-Bromophenyl phenyl ether	1	10.6	5.32	U	5.32	U	ug/L
59-50-7	4-Chloro-3-methylphenol	1	21.3	10.6	U	R	ug/L	*
106-47-8	4-Chloroaniline	1	10.6	5.32	U	5.32	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	1	10.6	5.32	U	5.32	U	ug/L
100-01-6	4-Nitroaniline	1	21.3	10.6	U	10.6	U	ug/L
100-02-7	4-Nitrophenol	1	21.3	10.6	U	R	ug/L	*
83-32-9	Acenaphthene	1	10.6	5.32	U	5.32	U	ug/L
208-96-8	Acenaphthylene	1	10.6	5.32	U	5.32	U	ug/L
62-53-3	Aniline	1	10.6	5.32	U	5.32	U	ug/L
120-12-7	Anthracene	1	10.6	5.32	U	5.32	U	ug/L
92-87-5	Benzidine	1	42.6	21.3	U	21.3	U	ug/L
56-55-3	Benzo[a]anthracene	1	10.6	5.32	U	5.32	U	ug/L
50-32-8	Benzo[a]pyrene	1	10.6	5.32	U *	5.32	UJ	ug/L
205-99-2	Benzo[b]fluoranthene	1	10.6	5.32	U *	5.32	UJ	ug/L
191-24-2	Benzo[g,h,i]perylene	1	10.6	5.32	U *	5.32	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT004**Location ID: **NA**Lab Sample ID: **440-94089-8**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **11/23/2014 12:10**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/26/2014 3:16**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	1	10.6	5.32	U *	5.32	UJ	ug/L
65-85-0	Benzoic acid	1	21.3	10.6	U	10.6	U	ug/L
100-51-6	Benzyl alcohol	1	21.3	10.6	U	10.6	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	1	10.6	5.32	U	5.32	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	1	10.6	5.32	U	5.32	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	1	10.6	5.32	U	5.32	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	1	21.3	10.6	U	10.6	U	ug/L
85-68-7	Butyl benzyl phthalate	1	21.3	10.6	U	10.6	U	ug/L
218-01-9	Chrysene	1	10.6	5.32	U	5.32	U	ug/L
53-70-3	Dibenz(a,h)anthracene	1	21.3	10.6	U *	10.6	UJ	ug/L
132-64-9	Dibenzofuran	1	10.6	5.32	U	5.32	U	ug/L
84-66-2	Diethyl phthalate	1	10.6	5.32	U	5.32	U	ug/L
131-11-3	Dimethyl phthalate	1	10.6	5.32	U	5.32	U	ug/L
84-74-2	Di-n-butyl phthalate	1	21.3	10.6	U	10.6	U	ug/L
117-84-0	Di-n-octyl phthalate	1	21.3	10.6	U	10.6	U	ug/L
206-44-0	Fluoranthene	1	10.6	5.32	U	5.32	U	ug/L
86-73-7	Fluorene	1	10.6	5.32	U	5.32	U	ug/L
118-74-1	Hexachlorobenzene	1	10.6	5.32	U	5.32	U	ug/L
87-68-3	Hexachlorobutadiene	1	10.6	5.32	U	5.32	U	ug/L
77-47-4	Hexachlorocyclopentadiene	1	21.3	10.6	U	10.6	U	ug/L
67-72-1	Hexachloroethane	1	10.6	5.32	U	5.32	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	1	21.3	10.6	U *	10.6	UJ	ug/L
78-59-1	Isophorone	1	10.6	5.32	U	5.32	U	ug/L
91-20-3	Naphthalene	1	10.6	5.32	U	5.32	U	ug/L
98-95-3	Nitrobenzene	1	21.3	10.6	U	10.6	U	ug/L
62-75-9	N-Nitrosodimethylamine	1	21.3	2.66	U	2.66	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	1	10.6	5.32	U	5.32	U	ug/L
86-30-6	N-Nitrosodiphenylamine	1	10.6	5.32	U	5.32	U	ug/L
87-86-5	Pentachlorophenol	1	21.3	10.6	U	R	ug/L	*
85-01-8	Phenanthrene	1	10.6	5.32	U	5.32	U	ug/L
108-95-2	Phenol	1	10.6	5.32	U	R	ug/L	*
129-00-0	Pyrene	1	10.6	5.32	U	5.32	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: <b>SACA1123TT005</b>		Sample Matrix : Water				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/23/2014 12:20				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94089-9DL</b>		Analysis Date: 11/26/2014 4:47						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	40	416	208	U	208	U	ug/L
95-50-1	1,2-Dichlorobenzene	40	416	208	U	208	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	40	832	416	U	416	U	ug/L
541-73-1	1,3-Dichlorobenzene	40	416	208	U	208	U	ug/L
106-46-7	1,4-Dichlorobenzene	40	416	208	U	208	U	ug/L
95-95-4	2,4,5-Trichlorophenol	40	832	416	U	416	U	ug/L
88-06-2	2,4,6-Trichlorophenol	40	832	416	U	416	U	ug/L
120-83-2	2,4-Dichlorophenol	40	416	208	U	208	U	ug/L
105-67-9	2,4-Dimethylphenol	40	832	416	U	416	U	ug/L
51-28-5	2,4-Dinitrophenol	40	1660	832	U	832	U	ug/L
121-14-2	2,4-Dinitrotoluene	40	416	208	U	208	U	ug/L
606-20-2	2,6-Dinitrotoluene	40	416	208	U	208	U	ug/L
91-58-7	2-Chloronaphthalene	40	416	208	U	208	U	ug/L
95-57-8	2-Chlorophenol	40	416	208	U	208	U	ug/L
91-57-6	2-Methylnaphthalene	40	416	208	U	208	U	ug/L
95-48-7	2-Methylphenol	40	416	208	U	208	U	ug/L
88-74-4	2-Nitroaniline	40	832	416	U	416	U	ug/L
88-75-5	2-Nitrophenol	40	416	208	U	208	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	40	832	416	U *	416	U *	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	40	416	208	U	208	U	ug/L
99-09-2	3-Nitroaniline	40	832	416	U	416	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	40	832	416	U	416	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	40	416	208	U	208	U	ug/L
59-50-7	4-Chloro-3-methylphenol	40	832	416	U	416	U	ug/L
106-47-8	4-Chloroaniline	40	416	208	U	208	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	40	416	208	U	208	U	ug/L
100-01-6	4-Nitroaniline	40	832	416	U	416	U	ug/L
100-02-7	4-Nitrophenol	40	832	416	U	416	U	ug/L
83-32-9	Acenaphthene	40	416	208	U	208	U	ug/L
208-96-8	Acenaphthylene	40	416	208	U	208	U	ug/L
62-53-3	Aniline	40	416	208	U	208	U	ug/L
120-12-7	Anthracene	40	416	208	U	208	U	ug/L
92-87-5	Benzidine	40	1660	832	U	832	U	ug/L
56-55-3	Benzo[a]anthracene	40	416	208	U	208	U	ug/L
50-32-8	Benzo[a]pyrene	40	416	208	U	208	U	ug/L
205-99-2	Benzo[b]fluoranthene	40	416	208	U	208	U	ug/L
191-24-2	Benzo[g,h,i]perylene	40	416	208	U	208	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT005**Location ID: **NA**Lab Sample ID: **440-94089-9DL**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **11/23/2014 12:20**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **11/26/2014 4:47**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	40	416	208	U	208	U	ug/L
65-85-0	Benzoic acid	40	832	416	U	416	U	ug/L
100-51-6	Benzyl alcohol	40	832	416	U	416	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	40	416	208	U	208	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	40	416	208	U	208	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	40	416	208	U	208	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	40	832	416	U	416	U	ug/L
85-68-7	Butyl benzyl phthalate	40	832	416	U	416	U	ug/L
218-01-9	Chrysene	40	416	208	U	208	U	ug/L
53-70-3	Dibenz(a,h)anthracene	40	832	416	U	416	U	ug/L
132-64-9	Dibenzofuran	40	416	208	U	208	U	ug/L
84-66-2	Diethyl phthalate	40	416	208	U	208	U	ug/L
131-11-3	Dimethyl phthalate	40	416	208	U	208	U	ug/L
84-74-2	Di-n-butyl phthalate	40	832	416	U	416	U	ug/L
117-84-0	Di-n-octyl phthalate	40	832	416	U	416	U	ug/L
206-44-0	Fluoranthene	40	416	208	U	208	U	ug/L
86-73-7	Fluorene	40	416	208	U	208	U	ug/L
118-74-1	Hexachlorobenzene	40	416	208	U	208	U	ug/L
87-68-3	Hexachlorobutadiene	40	416	208	U	208	U	ug/L
77-47-4	Hexachlorocyclopentadiene	40	832	416	U	416	U	ug/L
67-72-1	Hexachloroethane	40	416	208	U	208	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	40	832	416	U	416	U	ug/L
78-59-1	Isophorone	40	416	208	U	208	U	ug/L
91-20-3	Naphthalene	40	416	208	U	208	U	ug/L
98-95-3	Nitrobenzene	40	832	416	U	416	U	ug/L
62-75-9	N-Nitrosodimethylamine	40	832	104	U	104	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	40	416	208	U	208	U	ug/L
86-30-6	N-Nitrosodiphenylamine	40	416	208	U	208	U	ug/L
87-86-5	Pentachlorophenol	40	832	416	U	416	U	ug/L
85-01-8	Phenanthrene	40	416	208	U	208	U	ug/L
108-95-2	Phenol	40	416	208	U	208	U	ug/L
129-00-0	Pyrene	40	416	208	U	208	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123SL001**Location ID: **NA**Lab Sample ID: **440-94089-1**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/23/2014 12:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	11/25/2014 12:47	1	0.0002	0.0001	U	0.0001	U	mg/L
7440-36-0	Antimony	SW6010B	11/25/2014 16:59	1	0.01	0.006	U	0.006	U	mg/L
7440-38-2	Arsenic	SW6010B	11/25/2014 16:59	1	0.01	0.026		0.026		mg/L
7440-39-3	Barium	SW6010B	11/25/2014 16:59	1	0.01	3.2		3.2		mg/L
7440-41-7	Beryllium	SW6010B	11/25/2014 16:59	1	0.002	0.001	U	0.001	U	mg/L
7440-43-9	Cadmium	SW6010B	11/25/2014 16:59	1	0.005	0.0285		0.0285		mg/L
7440-47-3	Chromium	SW6010B	11/25/2014 16:59	1	0.005	0.0253		0.0253		mg/L
7440-48-4	Cobalt	SW6010B	11/25/2014 16:59	1	0.01	0.0146		0.0146		mg/L
7440-50-8	Copper	SW6010B	11/25/2014 16:59	1	0.01	0.0896		0.0896		mg/L
7439-92-1	Lead	SW6010B	11/25/2014 16:59	1	0.005	0.0114		0.0114		mg/L
7439-98-7	Molybdenum	SW6010B	11/25/2014 16:59	1	0.02	0.01	U	0.01	U	mg/L
7440-02-0	Nickel	SW6010B	11/25/2014 16:59	1	0.01	0.0198		0.0198		mg/L
7782-49-2	Selenium	SW6010B	11/25/2014 16:59	1	0.01	0.0061	U	0.0061	U	mg/L
7440-22-4	Silver	SW6010B	11/25/2014 16:59	1	0.01	0.005	U	0.005	U	mg/L
7440-28-0	Thallium	SW6010B	11/25/2014 16:59	1	0.01	0.005	U	0.005	U	mg/L
7440-62-2	Vanadium	SW6010B	11/25/2014 16:59	1	0.01	0.135		0.135		mg/L
7440-66-6	Zinc	SW6010B	11/25/2014 16:59	1	0.02	5.32		5.32		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123SL002**Location ID: **NA**Lab Sample ID: **440-94089-2**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	11/25/2014 15:38	1	0.0002	0.0001	U	0.0001	U	mg/L
7440-36-0	Antimony	SW6010B	11/25/2014 17:01	1	0.01	0.019		0.019		mg/L
7440-38-2	Arsenic	SW6010B	11/25/2014 17:01	1	0.01	0.0293		0.0293		mg/L
7440-39-3	Barium	SW6010B	11/25/2014 17:01	1	0.01	1.47		1.47		mg/L
7440-41-7	Beryllium	SW6010B	11/25/2014 17:01	1	0.002	0.001	U	0.001	U	mg/L
7440-43-9	Cadmium	SW6010B	11/25/2014 17:01	1	0.005	0.066		0.066		mg/L
7440-47-3	Chromium	SW6010B	11/25/2014 17:01	1	0.005	0.0441		0.0441		mg/L
7440-48-4	Cobalt	SW6010B	11/25/2014 17:01	1	0.01	0.0223		0.0223		mg/L
7440-50-8	Copper	SW6010B	11/25/2014 17:01	1	0.01	0.174		0.174		mg/L
7439-92-1	Lead	SW6010B	11/25/2014 17:01	1	0.005	0.0542		0.0542		mg/L
7439-98-7	Molybdenum	SW6010B	11/25/2014 17:01	1	0.02	0.01	U	0.01	U	mg/L
7440-02-0	Nickel	SW6010B	11/25/2014 17:01	1	0.01	0.0289		0.0289		mg/L
7440-22-4	Silver	SW6010B	11/25/2014 17:01	1	0.01	0.005	U	0.005	U	mg/L
7440-28-0	Thallium	SW6010B	11/25/2014 17:01	1	0.01	0.005	U	0.005	U	mg/L
7440-62-2	Vanadium	SW6010B	11/25/2014 17:01	1	0.01	0.111		0.111		mg/L
7440-66-6	Zinc	SW6010B	11/25/2014 17:01	1	0.02	9.01		9.01		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123SL002**Location ID: **NA**Lab Sample ID: **440-94089-2DL**Sample Type: **Site Sample**Sample Matrix : **Water**Total/Dissolved: **T**Sample Date: **11/23/2014 13:00**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7782-49-2	Selenium	SW6010B	11/25/2014 17:19	5	0.05	0.0305	U	0.0305	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT001**Location ID: **NA**Lab Sample ID: **440-94089-5**Sample Type: **Site Sample**Sample Matrix : **Water**Total/Dissolved: **T**Sample Date: **11/23/2014 11:20**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	11/25/2014 12:57	1	0.0002	0.0001	U	0.0001	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT001**Location ID: **NA**Lab Sample ID: **440-94089-5DL**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/23/2014 11:20**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	11/25/2014 17:20	5	0.05	0.03	U	0.03	U	mg/L
7440-38-2	Arsenic	SW6010B	11/25/2014 17:20	5	0.05	0.025	U	0.025	U	mg/L
7440-39-3	Barium	SW6010B	11/25/2014 17:20	5	0.05	1.17		1.17		mg/L
7440-41-7	Beryllium	SW6010B	11/25/2014 17:20	5	0.01	0.005	U	0.005	U	mg/L
7440-43-9	Cadmium	SW6010B	11/25/2014 17:20	5	0.025	0.01	U	0.01	U	mg/L
7440-47-3	Chromium	SW6010B	11/25/2014 17:20	5	0.025	0.0125	U	0.0125	U	mg/L
7440-48-4	Cobalt	SW6010B	11/25/2014 17:20	5	0.05	0.0125	U	0.0125	U	mg/L
7440-50-8	Copper	SW6010B	11/25/2014 17:20	5	0.05	0.025	U	0.025	U	mg/L
7439-92-1	Lead	SW6010B	11/25/2014 17:20	5	0.025	0.0125	U	0.0125	U	mg/L
7439-98-7	Molybdenum	SW6010B	11/25/2014 17:20	5	0.1	0.05	U	0.05	U	mg/L
7440-02-0	Nickel	SW6010B	11/25/2014 17:20	5	0.05	0.025	U	0.025	U	mg/L
7782-49-2	Selenium	SW6010B	11/25/2014 17:20	5	0.05	0.0305	U	0.0305	U	mg/L
7440-22-4	Silver	SW6010B	11/25/2014 17:20	5	0.05	0.025	U	0.025	U	mg/L
7440-28-0	Thallium	SW6010B	11/25/2014 17:20	5	0.05	0.025	U	0.025	U	mg/L
7440-62-2	Vanadium	SW6010B	11/25/2014 17:20	5	0.05	0.025	U	0.025	U	mg/L
7440-66-6	Zinc	SW6010B	11/25/2014 17:20	5	0.1	0.05	U	0.05	U	mg/L

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT003**Location ID: **NA**Lab Sample ID: **440-94089-7**Sample Type: **Site Sample**Sample Matrix : **Water**Total/Dissolved: **T**Sample Date: **11/23/2014 12:00**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	11/25/2014 12:59	1	0.0002	0.000409		0.000409		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT003**Location ID: **NA**Lab Sample ID: **440-94089-7DL**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/23/2014 12:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	11/25/2014 17:23	5	0.05	0.03	U	0.03	U	mg/L
7440-38-2	Arsenic	SW6010B	11/25/2014 17:23	5	0.05	0.025	U	0.025	U	mg/L
7440-39-3	Barium	SW6010B	11/25/2014 17:23	5	0.05	3.06		3.06		mg/L
7440-41-7	Beryllium	SW6010B	11/25/2014 17:23	5	0.01	0.005	U	0.005	U	mg/L
7440-43-9	Cadmium	SW6010B	11/25/2014 17:23	5	0.025	0.01	U	0.01	U	mg/L
7440-47-3	Chromium	SW6010B	11/25/2014 17:23	5	0.025	0.0125	U	0.0125	U	mg/L
7440-48-4	Cobalt	SW6010B	11/25/2014 17:23	5	0.05	0.0125	U	0.0125	U	mg/L
7440-50-8	Copper	SW6010B	11/25/2014 17:23	5	0.05	0.0657		0.0657		mg/L
7439-92-1	Lead	SW6010B	11/25/2014 17:23	5	0.025	0.0125	U	0.0125	U	mg/L
7439-98-7	Molybdenum	SW6010B	11/25/2014 17:23	5	0.1	0.05	U	0.05	U	mg/L
7440-02-0	Nickel	SW6010B	11/25/2014 17:23	5	0.05	0.025	U	0.025	U	mg/L
7782-49-2	Selenium	SW6010B	11/25/2014 17:23	5	0.05	0.0305	U	0.0305	U	mg/L
7440-22-4	Silver	SW6010B	11/25/2014 17:23	5	0.05	0.025	U	0.025	U	mg/L
7440-28-0	Thallium	SW6010B	11/25/2014 17:23	5	0.05	0.025	U	0.025	U	mg/L
7440-62-2	Vanadium	SW6010B	11/25/2014 17:23	5	0.05	0.025	U	0.025	U	mg/L
7440-66-6	Zinc	SW6010B	11/25/2014 17:23	5	0.1	0.358		0.358		mg/L

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT004**Location ID: **NA**Lab Sample ID: **440-94089-8**Sample Type: **Site Sample**Sample Matrix : **Water**Total/Dissolved: **T**Sample Date: **11/23/2014 12:10**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	11/25/2014 13:02	1	0.0002	0.000237		0.000237		mg/L

DF = Dilution Factor      RL = Reporting Limit

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U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

**CTEH  
Santa Paula, CA  
SDG: 94089-2**

COC Sample ID: **SACA1123TT004**Location ID: **NA**Lab Sample ID: **440-94089-8DL**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/23/2014 12:10**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	11/25/2014 17:25	5	0.05	0.03	U	0.03	U	mg/L
7440-38-2	Arsenic	SW6010B	11/25/2014 17:25	5	0.05	0.025	U	0.025	U	mg/L
7440-39-3	Barium	SW6010B	11/25/2014 17:25	5	0.05	2.26		2.26		mg/L
7440-41-7	Beryllium	SW6010B	11/25/2014 17:25	5	0.01	0.005	U	0.005	U	mg/L
7440-43-9	Cadmium	SW6010B	11/25/2014 17:25	5	0.025	0.01	U	0.01	U	mg/L
7440-47-3	Chromium	SW6010B	11/25/2014 17:25	5	0.025	0.0125	U	0.0125	U	mg/L
7440-48-4	Cobalt	SW6010B	11/25/2014 17:25	5	0.05	0.0125	U	0.0125	U	mg/L
7440-50-8	Copper	SW6010B	11/25/2014 17:25	5	0.05	0.025	U	0.025	U	mg/L
7439-92-1	Lead	SW6010B	11/25/2014 17:25	5	0.025	0.0125	U	0.0125	U	mg/L
7439-98-7	Molybdenum	SW6010B	11/25/2014 17:25	5	0.1	0.05	U	0.05	U	mg/L
7440-02-0	Nickel	SW6010B	11/25/2014 17:25	5	0.05	0.025	U	0.025	U	mg/L
7782-49-2	Selenium	SW6010B	11/25/2014 17:25	5	0.05	0.0305	U	0.0305	U	mg/L
7440-22-4	Silver	SW6010B	11/25/2014 17:25	5	0.05	0.025	U	0.025	U	mg/L
7440-28-0	Thallium	SW6010B	11/25/2014 17:25	5	0.05	0.025	U	0.025	U	mg/L
7440-62-2	Vanadium	SW6010B	11/25/2014 17:25	5	0.05	0.025	U	0.025	U	mg/L
7440-66-6	Zinc	SW6010B	11/25/2014 17:25	5	0.1	0.217		0.217		mg/L

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**Form 1 Data Sheet - Metals**

**CTEH  
Santa Paula, CA  
SDG: 94089-2**

COC Sample ID: **SACA1123TT005**Location ID: **NA**Lab Sample ID: **440-94089-9**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/23/2014 12:20**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	11/25/2014 13:04	1	0.0002	0.0001	U	0.0001	U	mg/L
7440-36-0	Antimony	SW6010B	11/25/2014 17:16	1	0.05	0.03	U	0.03	U	mg/L
7440-38-2	Arsenic	SW6010B	11/25/2014 17:16	1	0.05	0.025	U	0.025	U	mg/L
7440-39-3	Barium	SW6010B	11/25/2014 17:16	1	0.05	10.4		10.4		mg/L
7440-41-7	Beryllium	SW6010B	11/25/2014 17:16	1	0.01	0.005	U	0.005	U	mg/L
7440-43-9	Cadmium	SW6010B	11/25/2014 17:16	1	0.025	0.01	U	0.01	U	mg/L
7440-47-3	Chromium	SW6010B	11/25/2014 17:16	1	0.025	0.0125	U	0.0125	U	mg/L
7440-48-4	Cobalt	SW6010B	11/25/2014 17:16	1	0.05	0.0125	U	0.0125	U	mg/L
7440-50-8	Copper	SW6010B	11/25/2014 17:16	1	0.05	0.239		0.239		mg/L
7439-92-1	Lead	SW6010B	11/25/2014 17:16	1	0.025	0.0125	U	0.0125	U	mg/L
7439-98-7	Molybdenum	SW6010B	11/25/2014 17:16	1	0.1	0.05	U	0.05	U	mg/L
7440-02-0	Nickel	SW6010B	11/25/2014 17:16	1	0.05	0.025	U	0.025	U	mg/L
7782-49-2	Selenium	SW6010B	11/25/2014 17:16	1	0.05	0.0305	U	0.0305	U	mg/L
7440-22-4	Silver	SW6010B	11/25/2014 17:16	1	0.05	0.025	U	0.025	U	mg/L
7440-28-0	Thallium	SW6010B	11/25/2014 17:16	1	0.05	0.025	U	0.025	U	mg/L
7440-62-2	Vanadium	SW6010B	11/25/2014 17:16	1	0.05	0.025	U	0.025	U	mg/L
7440-66-6	Zinc	SW6010B	11/25/2014 17:16	1	0.1	0.05	U	0.05	U	mg/L

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT006**Location ID: **NA**Lab Sample ID: **440-94089-10**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	11/24/2014 17:21	1	0.04	0.183		0.183		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

**CTEH  
Santa Paula, CA  
SDG: 94089-1**

COC Sample ID: **SACA1123TT006**Location ID: **NA**Lab Sample ID: **440-94089-10DL**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	11/24/2014 16:36	5	20.5	10.3	U	10.3	U	mg/Kg
7440-38-2	Arsenic	SW6010B	11/24/2014 16:36	5	6.15	3.08	U	3.08	U	mg/Kg
7440-39-3	Barium	SW6010B	11/24/2014 16:36	5	3.08	4.67		4.67		mg/Kg
7440-41-7	Beryllium	SW6010B	11/24/2014 16:36	5	1.03	0.513	U	0.513	U	mg/Kg
7440-43-9	Cadmium	SW6010B	11/24/2014 16:36	5	1.03	0.513	U	0.513	U	mg/Kg
7440-47-3	Chromium	SW6010B	11/24/2014 16:36	5	2.05	1.03	U	1.03	U	mg/Kg
7440-48-4	Cobalt	SW6010B	11/24/2014 16:36	5	2.05	1.03	U	1.03	U	mg/Kg
7440-50-8	Copper	SW6010B	11/24/2014 16:36	5	4.1	2.05	U	2.05	U	mg/Kg
7439-92-1	Lead	SW6010B	11/24/2014 16:36	5	4.1	2.05	U	2.05	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	11/24/2014 16:36	5	4.1	2.05	U	2.05	U	mg/Kg
7440-02-0	Nickel	SW6010B	11/24/2014 16:36	5	4.1	2.05	U	2.05	U	mg/Kg
7782-49-2	Selenium	SW6010B	11/24/2014 16:36	5	6.15	3.08	U	3.08	U	mg/Kg
7440-22-4	Silver	SW6010B	11/24/2014 16:36	5	3.08	1.54	U	1.54	U	mg/Kg
7440-28-0	Thallium	SW6010B	11/24/2014 16:36	5	20.5	10.3	U	10.3	U	mg/Kg
7440-62-2	Vanadium	SW6010B	11/24/2014 16:36	5	2.05	1.03	U	1.03	U	mg/Kg
7440-66-6	Zinc	SW6010B	11/24/2014 16:36	5	10.3	5.13	U	5.13	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD001**Location ID: **NA**Lab Sample ID: **440-94089-3**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/23/2014 12:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	11/24/2014 17:18	1	0.135	0.85		0.85		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

**CTEH  
Santa Paula, CA  
SDG: 94089-1**

COC Sample ID: **SACA1123SD001**Location ID: **NA**Lab Sample ID: **440-94089-3DL**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/23/2014 12:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	11/24/2014 16:32	5	67.6	33.8	U	33.8	U	mg/Kg
7440-38-2	Arsenic	SW6010B	11/24/2014 16:32	5	20.3	10.1	U	10.1	U	mg/Kg
7440-39-3	Barium	SW6010B	11/24/2014 16:32	5	10.1	7960		7960		mg/Kg
7440-41-7	Beryllium	SW6010B	11/24/2014 16:32	5	3.38	1.69	U	1.69	U	mg/Kg
7440-43-9	Cadmium	SW6010B	11/24/2014 16:32	5	3.38	8.47		8.47		mg/Kg
7440-47-3	Chromium	SW6010B	11/24/2014 16:32	5	6.76	31.3		31.3		mg/Kg
7440-48-4	Cobalt	SW6010B	11/24/2014 16:32	5	6.76	3.38	U	3.38	U	mg/Kg
7440-50-8	Copper	SW6010B	11/24/2014 16:32	5	13.5	48.7		48.7		mg/Kg
7439-92-1	Lead	SW6010B	11/24/2014 16:32	5	13.5	70		70		mg/Kg
7439-98-7	Molybdenum	SW6010B	11/24/2014 16:32	5	13.5	6.76	U	6.76	U	mg/Kg
7440-02-0	Nickel	SW6010B	11/24/2014 16:32	5	13.5	6.76	U	6.76	U	mg/Kg
7782-49-2	Selenium	SW6010B	11/24/2014 16:32	5	20.3	10.1	U	10.1	U	mg/Kg
7440-22-4	Silver	SW6010B	11/24/2014 16:32	5	10.1	5.07	U	5.07	U	mg/Kg
7440-28-0	Thallium	SW6010B	11/24/2014 16:32	5	67.6	33.8	U	33.8	U	mg/Kg
7440-62-2	Vanadium	SW6010B	11/24/2014 16:32	5	6.76	64.2		64.2		mg/Kg
7440-66-6	Zinc	SW6010B	11/24/2014 16:32	5	33.8	2280		2280		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD002**Location ID: **NA**Lab Sample ID: **440-94089-4**Sample Type: **Site Sample**Sample Matrix : **Soil**Total/Dissolved: **T**Sample Date: **11/23/2014 13:00**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	11/24/2014 17:11	1	0.139	0.303		0.303		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD002**Location ID: **NA**Lab Sample ID: **440-94089-4DL**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/23/2014 13:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	11/24/2014 16:34	5	69.4	34.7	U	34.7	U	mg/Kg
7440-38-2	Arsenic	SW6010B	11/24/2014 16:34	5	20.8	34.3		34.3		mg/Kg
7440-39-3	Barium	SW6010B	11/24/2014 16:34	5	10.4	9930		9930		mg/Kg
7440-41-7	Beryllium	SW6010B	11/24/2014 16:34	5	3.47	1.73	U	1.73	U	mg/Kg
7440-43-9	Cadmium	SW6010B	11/24/2014 16:34	5	3.47	5.79		5.79		mg/Kg
7440-47-3	Chromium	SW6010B	11/24/2014 16:34	5	6.94	147		147		mg/Kg
7440-48-4	Cobalt	SW6010B	11/24/2014 16:34	5	6.94	29.6		29.6		mg/Kg
7440-50-8	Copper	SW6010B	11/24/2014 16:34	5	13.9	146		146		mg/Kg
7439-92-1	Lead	SW6010B	11/24/2014 16:34	5	13.9	214		214		mg/Kg
7439-98-7	Molybdenum	SW6010B	11/24/2014 16:34	5	13.9	6.94	U	6.94	U	mg/Kg
7440-02-0	Nickel	SW6010B	11/24/2014 16:34	5	13.9	116		116		mg/Kg
7782-49-2	Selenium	SW6010B	11/24/2014 16:34	5	20.8	10.4	U	10.4	U	mg/Kg
7440-22-4	Silver	SW6010B	11/24/2014 16:34	5	10.4	5.2	U	5.2	U	mg/Kg
7440-28-0	Thallium	SW6010B	11/24/2014 16:34	5	69.4	34.7	U	34.7	U	mg/Kg
7440-62-2	Vanadium	SW6010B	11/24/2014 16:34	5	6.94	173		173		mg/Kg
7440-66-6	Zinc	SW6010B	11/24/2014 16:34	5	34.7	1120		1120		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT006**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94089-10DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 13:00	11/24/2014 13:06	10	445	13200		13200		mg/Kg
C23-C40	11/23/2014 13:00	11/24/2014 13:06	10	445	29000		29000		mg/Kg
GRO (C4-C12)	11/23/2014 13:00	11/24/2014 14:42	100	1430000	1760000		1760000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SL001**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-1DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/23/2014 12:00	11/24/2014 14:21	40	2000	15800		15800		ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SL002**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-2DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/23/2014 13:00	11/24/2014 14:49	5	250	8630		8630		ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD001**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94089-3DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 12:00	11/24/2014 13:26	100	15500	51300		51300		mg/Kg
C23-C40	11/23/2014 12:00	11/24/2014 13:26	100	15500	73600		73600		mg/Kg
GRO (C4-C12)	11/23/2014 12:00	11/24/2014 13:51	100	552000	1580000		1580000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD002**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94089-4DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 13:00	11/24/2014 13:46	10	1610	34100		34100		mg/Kg
C23-C40	11/23/2014 13:00	11/24/2014 13:46	10	1610	1610		1610		mg/Kg
GRO (C4-C12)	11/23/2014 13:00	11/24/2014 14:17	100	283000	1240000		1240000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT001**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-5**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/23/2014 11:20	11/24/2014 15:46	1	50	25	U	25	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT002**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-6**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/23/2014 11:40	11/24/2014 14:18	1	50	154		154		ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT003**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-7**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/23/2014 12:00	11/24/2014 14:47	1	50	391		391	J	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT004**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-8DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/23/2014 12:10	11/24/2014 16:41	2	100	395		395	J	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT005**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-9DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/23/2014 12:20	11/24/2014 15:17	40	2000	13700		13700		ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123SL001**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-1DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 12:00	11/24/2014 16:28	10	5.15	16.3		16.3		mg/L
C23-C40	11/23/2014 12:00	11/24/2014 16:28	10	5.15	1.03	U	1.03	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123SL002**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-2DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 13:00	11/24/2014 18:58	100	50.3	90.2		90.2		mg/L
C23-C40	11/23/2014 13:00	11/24/2014 18:58	100	50.3	10.1	U	10.1	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT001**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-5**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 11:20	11/24/2014 19:41	1	0.508	0.102	U	0.102	U	mg/L
C23-C40	11/23/2014 11:20	11/24/2014 19:41	1	0.508	0.102	U	0.102	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT002**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-6**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 11:40	11/24/2014 16:14	1	0.719	0.144	U	0.144	U	mg/L
C23-C40	11/23/2014 11:40	11/24/2014 16:14	1	0.719	0.932		0.932	J	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT003**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-7**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 12:00	11/24/2014 18:15	1	0.503	0.101	U	0.101	U	mg/L
C23-C40	11/23/2014 12:00	11/24/2014 18:15	1	0.503	0.101	U	0.101	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT004**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-8**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 12:10	11/24/2014 18:37	1	0.535	0.107	U	0.107	U	mg/L
C23-C40	11/23/2014 12:10	11/24/2014 18:37	1	0.535	0.107	U	0.107	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94089-2

COC Sample ID: **SACA1123TT005**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-9DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/23/2014 12:20	11/24/2014 19:19	20	10.5	26.7		26.7		mg/L
C23-C40	11/23/2014 12:20	11/24/2014 19:19	20	10.5	2.09	U	2.09	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: SACAC1123SL001

Sample Matrix : Water

Location ID: NA

Lab Sample ID: 440-94089-1

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW9040B									
pH	11/23/2014 12:00	11/24/2014 14:38	1	0.1	4.88	HF	4.88	HF	SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: SACAC1123TT006

Sample Matrix : Soil

Location ID: NA

Lab Sample ID: 440-94089-10

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/23/2014 13:00	12/18/2014 13:00	1	0.1	51		51		%
<b>Method:</b> Solids									
Percent Solids	11/23/2014 13:00	12/18/2014 13:00	1	0.1	49		49		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SL002**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-2**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW9040B									
pH	11/23/2014 13:00	11/24/2014 14:38	1	0.1	4.23	HF	4.23	HF	SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: SACAC1123SD001

Sample Matrix : Soil

Location ID: NA

Lab Sample ID: 440-94089-3

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/23/2014 12:00	12/18/2014 13:00	1	0.1	85		85		%
<b>Method:</b> Solids									
Percent Solids	11/23/2014 12:00	12/18/2014 13:00	1	0.1	15		15		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123SD002**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94089-4**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/23/2014 13:00	12/18/2014 13:00	1	0.1	86		86		%
<b>Method:</b> Solids									
Percent Solids	11/23/2014 13:00	12/18/2014 13:00	1	0.1	14		14		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT001**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-5**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW9040B									
pH	11/23/2014 11:20	11/24/2014 14:38	1	0.1	7.52	HF	7.52	HF	SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: SACAC1123TT003

Sample Matrix : Water

Location ID: NA

Lab Sample ID: 440-94089-7

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW9040B									
pH	11/23/2014 12:00	11/24/2014 14:38	1	0.1	7.8	HF	7.8	HF	SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: **SACA1123TT004**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-8**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW9040B									
pH	11/23/2014 12:10	11/24/2014 14:38	1	0.1	7.86	HF	7.86	HF	SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-1

COC Sample ID: SACAC1123TT005

Sample Matrix : Water

Location ID: NA

Lab Sample ID: 440-94089-9

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW9040B									
pH	11/23/2014 12:20	11/24/2014 14:38	1	0.1	8.4	HF	8.4	HF	SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventional**

CTEH

Santa Paula, CA

SDG: 94089-3

COC Sample ID: **SACA1123SL001**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-1DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/23/2014 12:00	12/04/2014 19:13	5	2.5	2.5	U	2.5	U	mg/L
Chloride	11/23/2014 12:00	12/04/2014 19:26	200	100	1010		1010		mg/L
Fluoride	11/23/2014 12:00	12/04/2014 19:13	5	2.5	2.5	U	2.5	U	mg/L
Nitrate as N	11/23/2014 12:00	12/04/2014 19:26	200	22	37.1	H	37.1	J	mg/L
Nitrate as NO3	11/23/2014 12:00	12/04/2014 19:26	200	100	164	H	164	J	mg/L
Nitrate Nitrite as N	11/23/2014 12:00	12/04/2014 19:26	200	30	37.1	H	37.1	J	mg/L
Nitrite as N	11/23/2014 12:00	12/04/2014 19:13	5	0.75	0.75	U H	0.75	UJ	mg/L
Nitrite as NO2	11/23/2014 12:00	12/04/2014 19:13	5	2.5	2.5	U H	2.5	UJ	mg/L
Orthophosphate as P	11/23/2014 12:00	12/04/2014 19:13	5	0.8	0.8	U H	0.8	UJ	mg/L
Orthophosphorus as PO4	11/23/2014 12:00	12/04/2014 19:13	5	2.5	2.5	U H	2.5	UJ	mg/L
Sulfate	11/23/2014 12:00	12/04/2014 19:26	200	100	1630		1630		mg/L
<b>Method:</b> SM4500Cl G									
Chloramines, Total	11/23/2014 12:00	12/05/2014 12:44	2	0.2	0.92	HF	0.92	J	mg/L

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Conventional**

CTEH

Santa Paula, CA

SDG: 94089-3

COC Sample ID: SACAC1123SL002

Sample Matrix : Water

Location ID: NA

Lab Sample ID: 440-94089-2

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SM4500CI G									
Chloramines, Total	11/23/2014 13:00	12/05/2014 12:44	1	0.1	0.1	U HF	0.1	UJ	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-3

COC Sample ID: **SACA1123SL002**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94089-2DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/23/2014 13:00	12/04/2014 19:39	5	2.5	2.5	U	2.5	U	mg/L
Chloride	11/23/2014 13:00	12/04/2014 19:53	200	100	1040		1040		mg/L
Fluoride	11/23/2014 13:00	12/04/2014 19:39	5	2.5	2.5	U	2.5	U	mg/L
Nitrate as N	11/23/2014 13:00	12/04/2014 19:39	5	0.55	12.1	H	12.1	J	mg/L
Nitrate as NO3	11/23/2014 13:00	12/04/2014 19:39	5	2.5	53.7	H	53.7	J	mg/L
Nitrate Nitrite as N	11/23/2014 13:00	12/04/2014 19:39	5	0.75	12.1	H	12.1	J	mg/L
Nitrite as N	11/23/2014 13:00	12/04/2014 19:39	5	0.75	0.75	U H	0.75	UJ	mg/L
Nitrite as NO2	11/23/2014 13:00	12/04/2014 19:39	5	2.5	2.5	U H	2.5	UJ	mg/L
Orthophosphate as P	11/23/2014 13:00	12/04/2014 19:39	5	0.8	0.8	U H	0.8	UJ	mg/L
Orthophosphorus as PO4	11/23/2014 13:00	12/04/2014 19:39	5	2.5	2.5	U H	2.5	UJ	mg/L
Sulfate	11/23/2014 13:00	12/04/2014 19:53	200	100	1650		1650		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-3

COC Sample ID: **SACA1123SD001**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94089-3**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/23/2014 12:00	12/05/2014 17:09	1	5.01	5.01	U	5.01	U	mg/Kg
Fluoride	11/23/2014 12:00	12/05/2014 17:09	1	5.01	5.01	U	5.01	U	mg/Kg
Nitrate as N	11/23/2014 12:00	12/05/2014 17:09	1	1.1	28.1		28.1		mg/Kg
Nitrate as NO3	11/23/2014 12:00	12/05/2014 17:09	1	5.01	124		124		mg/Kg
Nitrate Nitrite as N	11/23/2014 12:00	12/05/2014 17:09	1	1.5	28.1		28.1		mg/Kg
Nitrite as N	11/23/2014 12:00	12/05/2014 17:09	1	1.5	1.5	U	1.5	U	mg/Kg
Nitrite as NO2	11/23/2014 12:00	12/05/2014 17:09	1	5.01	5.01	U	5.01	U	mg/Kg
Orthophosphate as P	11/23/2014 12:00	12/05/2014 17:09	1	1.6	1.6	U	1.6	U	mg/Kg
Orthophosphorus as PO4	11/23/2014 12:00	12/05/2014 17:09	1	5.01	5.01	U	5.01	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-3

COC Sample ID: **SACA1123SD002**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94089-4**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/23/2014 13:00	12/05/2014 17:36	1	4.96	4.96	U	4.96	U	mg/Kg
Fluoride	11/23/2014 13:00	12/05/2014 17:36	1	4.96	4.96	U	4.96	U	mg/Kg
Nitrate as N	11/23/2014 13:00	12/05/2014 17:36	1	1.09	3.78		3.78		mg/Kg
Nitrate as NO3	11/23/2014 13:00	12/05/2014 17:36	1	4.96	16.7		16.7		mg/Kg
Nitrate Nitrite as N	11/23/2014 13:00	12/05/2014 17:36	1	1.49	3.78		3.78		mg/Kg
Nitrite as N	11/23/2014 13:00	12/05/2014 17:36	1	1.49	1.49	U	1.49	U	mg/Kg
Nitrite as NO2	11/23/2014 13:00	12/05/2014 17:36	1	4.96	4.96	U	4.96	U	mg/Kg
Orthophosphate as P	11/23/2014 13:00	12/05/2014 17:36	1	1.59	1.59	U	1.59	U	mg/Kg
Orthophosphorus as PO4	11/23/2014 13:00	12/05/2014 17:36	1	4.96	4.96	U	4.96	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94089-3

COC Sample ID: SACAC1123SD002

Sample Matrix : Soil

Location ID: NA

Lab Sample ID: 440-94089-4DL

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Chloride	11/23/2014 13:00	12/05/2014 17:49	50	248	1010		1010		mg/Kg
Sulfate	11/23/2014 13:00	12/05/2014 17:49	50	248	1380		1380		mg/Kg
<b>Method:</b> SM4500CI G									
Chlorine, Total Residual	11/23/2014 13:00	12/05/2014 17:31	10	9.95	24.9		24.9		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected





**Appendix II**  
**Chain of Custody**

## TestAmerica Irvine

17461 Berian Ave  
Suite 100

Irvine, CA 92614  
Phone: 949.261.1022 Fax:

## Chain of Custody Record

027434

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: Kyle Bennett		Site Contact:		Date: 11-23-14	COC No:
Company Name CTEH		Tel/Fax: labresults@cteh.com		Lab Contact:		Carrier:	
Address: 5120 Northshore Dr. City/State/Zip: North Little Rock, AR 72108 Phone: 501-801-8500 Fax:		Analysis Turnaround Time CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____					
Project Name: IC6846 - Mission Incident Site: Santa Paula, CA PO #		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day					
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	
SACAI123SL001		11-23-14	1200	G	Water	5	X X X X X
SACAI123SL002		11-23-14	1300	G	Water	5	X X X X X
SACAI123SD001		11-23-14	1200	G	Soil	2	X X X X
SACAI123SD002		11-23-14	1300	G	Soil	2	X X X X
SACAI123TT001		11-23-14	1200	G	Water	5	X X X X X
SACAI123TT002		11-23-14	1140	G	Water	4	X X X X X
SACAI123TT003		11-23-14	1200	G	Water	5	X X X X X
SACAI123TT004		11-23-14	1210	G	Water	5	X X X X X
SACAI123TT005		11-23-14	1220	G	Water	5	X X X X X
SACAI123TT006		11-23-14	1300	G	Soil	2	X X X X
SACAI123TT007		11-23-14	1310	G	Water	5	X X X X X
SACAI123TB002		11-23-14	—	—	—	2	X
Preservation Used: 1=Ice; 2=HCl; 3=H <sub>2</sub> SO <sub>4</sub> ; 4=HNO <sub>3</sub> ; 5=NaOH; 6=Other							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months			
Special Instructions/QC Requirements & Comments: cc: christopher.myers@westonsolutions.com; dankelman.tom@epa.gov; rbennett@cteh.com; skruska@cteh.com							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:		Cooler Temp. (°C). Obs'd.		Corr'd:	Therm ID No.:	
Relinquished by: <i>Jared Cobb</i>	Company: CTEH	Date/Time: 15:30	Received by: <i>Shafiq Nabi</i>	Company: DCS	Date/Time: 15:30	11/23/14	
Relinquished by: <i>Shafiq Nabi</i>	Company: DCS	Date/Time: 11/23/14 18:30	Received by: <i>Shafiq Nabi</i>	Company: TPA	Date/Time: 11/23/14 18:30	11/23/14 18:30	
Relinquished by: <i>Shafiq Nabi</i>	Company: TPA	Date/Time: 11/23/14 18:30	Received in Laboratory by: <i>Shafiq Nabi</i>	Company: TPA	Date/Time: 11/23/14 18:30	11/23/14 18:30	

2.00/12.00 3.50/17.70 2.40/11.80  
10-73

UTC Shafiq Nabi

13 12 10 9 8 7 6 5 4 3 2 1

TestAmerica Irvine

12461 Berian Five

Suite 100

Tanaka Ch. 2

IRVINE, CA 92614  
PHONE 949-261-1

**Phone:** 949.261.1022 **Fax:**

## **Chain of Custody Record**

027433

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
**TestAmerica Laboratories, Inc.**

TAL-8210 (0713)

**Regulatory Program:**  DW  NPDES  RCRA  Other

Client Contact		Project Manager: <u>Kyle Bennett</u> Tel/Fax: <u>labresults@cteh.com</u>		Site Contact: Lab Contact:		Date: <u>11-23-14</u>	COC No. <u>2 of 2</u> COCs		
Company Name: <u>CTEH</u> Address: <u>5120 North Shore Dr.</u> City/State/Zip: <u>North Little Rock, AR 72118</u> Phone: <u>501-801-8500</u> Fax:		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Specific Notes:  <i>(Handwritten notes: TMS, 11-23-14, X-23-14)</i>			
Project Name: <u>16846 - Mission Incident</u> Site: <u>Santa Paula, CA</u> PO #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	OCs
<u>SACAI123TB001</u>		<u>11-23-14</u>				<u>2</u>	X		
<u>SACAI123TB003</u>		<u>11-23-14</u>				<u>2</u>	X		
<p>P age 000 001 002 003 004 005 006 007 008 009 010</p> <p>Preservation Used: 1= Ice; 2= HCl; 3= H<sub>2</sub>SO<sub>4</sub>; 4= HNO<sub>3</sub>; 5= NaOH; 6= Other _____</p> <p>Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p> <p><input type="checkbox"/> Non-Hazard    <input type="checkbox"/> Flammable    <input type="checkbox"/> Skin Irritant    <input type="checkbox"/> Poison B    <input type="checkbox"/> Unknown</p> <p>Special Instructions/QC Requirements &amp; Comments: <u>CC: christopher.myers@westonsolutions.com; daniel.munkel@epa.gov; kbennett@cteh.com; skluska@cteh.com</u></p> <p>Custody Seals Intact: <input type="checkbox"/> Yes    <input type="checkbox"/> No    Custody Seal No.: _____</p> <p>Relinquished by: <u>Jm Butler</u>    Company: <u>CTEH</u>    Date/Time: <u>11/23/14 1530</u>    Received by: <u>Shahid Anasi</u>    Company: <u>DCS</u>    Date/Time: <u>11/23/14 1530</u></p> <p>Relinquished by: <u>Shahid Anasi</u>    Company: <u>DCS</u>    Date/Time: <u>11/23/14 1530</u>    Received by: _____</p> <p>Relinquished by: _____    Company: _____    Date/Time: _____    Received in Laboratory by: _____</p> <p>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client    <input type="checkbox"/> Disposal by Lab    <input type="checkbox"/> Archive for _____ Months</p>									

UTC 8/15/19 Tim Sutte

Attachment I

Level 2 Validated

Lab Report J94483-1

## **Data Verification Report (Level 2)**

**Project 106846: Santa Paula, CA**

**Client: CTEH**

Report #: 94483-1

Date: December 31, 2014



Environmental Data Professional, LLC  
1432 Watkins Street • Lake Charles, LA 70601 • phone: 337-540-0036 • fax: 337-478-6061

**Disclaimer:**

The review performed and reported herein is based on specifications and procedures presented to eDATapro with the associated data package. Any qualifications or review not specified with package requirements was based on USEPA National Functional Guidelines for Inorganic and Organic Data Review.

Information contained in this report is based solely on the hardcopy and/or electronic deliverables that were submitted to eDATapro. eDATapro reserves the rights to modify or change the report if new information is presented or if this report is determined to be inaccurate or incomplete.

The following parameters were reviewed during the verification process:

**Chain-of-Custody (COC):** Completeness and sample custody

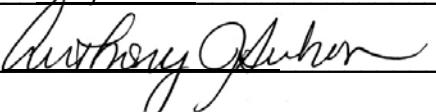
**Holding time:** Compare collection date versus preparation and/or analysis date

**Blank Contamination:** Laboratory and field blanks

**Matrix/Precision/Recovery:** Surrogates, Internal Standards, Duplicates, Blank spike and blank spike duplicate samples (when applicable)

**Standards:** Detection limit standard and continuing calibration verification (when applicable)

Reviewed by: Tony Duhon

Signature: 

## INTRODUCTION:

Project Name: 106846 – Santa Paula, CA

Laboratory: Test America Laboratories

Laboratory Package No.: 94483-1

Matrix: Soil/Water/Waste

Environmental Data Professional, LLC (eDATapro) received one electronic Level II data package containing the results for eleven field samples, one matrix spike pair and three trip blanks. Level II verification was performed on the data utilizing *USEPA National Functional Guidelines for Organic Data Review*, *USEPA National Functional Guidelines for Inorganic Data Review* and the analytical methods.

The following samples were reviewed:

<b>Sample ID</b>	<b>Lab ID</b>	<b>Collection Date</b>	<b>Analyses</b>
SACA1126SL003	440-94483-1	11/26/2014 03:05 PM	[1-7,10]
SACA1126SC003	440-94483-2	11/26/2014 03:30 PM	[1-7,10]
SACA1126SD003	440-94483-3	11/26/2014 03:20 PM	[1-9]
SACA1126SD004	440-94483-4	11/26/2014 03:50 PM	[1-9]
SACA1126SD005	440-94483-5	11/26/2014 04:35 PM	[1-9]
SACA1126SC005	440-94483-6	11/26/2014 04:35 PM	[1-9]
SACA1123TB007	440-94483-7	11/23/2014	[1]
SACA1126TT009	440-94483-9	11/26/2014 03:20 PM	[1-6,8]
SACA1126TT011	440-94483-11	11/26/2014 03:40 PM	[1-7,10]
SACA1126TT011MS	440-94483-11MS	11/26/2014 03:40 PM	[1-6,10]
SACA1126TT011MSD	440-94483-11MSD	11/26/2014 03:40 PM	[1-6,10]
SACA1126TT012	440-94483-14	11/26/2014 03:55 PM	[1-6,8]
SACA1126TT013	440-94483-15	11/26/2014 04:00 PM	[1-6,8]
SACA1123TB004	440-94483-16	11/23/2014	[1]
SACA1123TB006	440-94483-17	11/23/2014	[1]
SACA1126TT008	440-94483-18	11/26/2014 03:00 PM	[1-6,8,9]

Analyses Performed Codes:

[1] Volatile Organics	EPA 8260B
[2] Semivolatile Organics	EPA 8270C
[3] Gasoline Range Organics; GRO (C4-C12)	EPA 8015B
[4] Diesel Range Organics; C13-C22, C23-C40	EPA 8015B
[5] ICP Metals	EPA 6010B
[6] Anions, Ion Chromatography	MCAWW 300.0
[7] Residual Chlorine	SM4500CI G
[8] Mercury	EPA 7471A
[9] Percent Moisture/Percent Solids	**
[10] Mercury	EPA 7470A

\*\*no method citation provided

## DATA REVIEW FINDINGS SUMMARY

### I. General Package:

A data package was received from the laboratory on December 11, 2014. A resubmission, received on December 28, 2014 was necessary to correct the collection time for sample SACA1126TT012 and to correct the matrix spike entries in the database EDD.

The laboratory noted that sample SACA1126TT010 was not analyzed due to matrix issues.

The Anions by IC and Residual Chlorine analyses reported in this SDG were not requested on the chain of custody (COC).

The laboratory assigned an artificial collection time to the trip blank samples for the purpose of checking adherence to holding time. This artificial time was removed.

When necessary, dilution analyses were performed to minimize sample matrix interference and/or obtain analyte measurements within the linear range of calibration. Reporting limits were adjusted accordingly.

In certain situations, the laboratory applied asterisks (\*) to results potentially affected by QA/QC exceedences. When the application of validation qualifiers was not necessary, these laboratory notations were removed.

Target analyte results for soil samples were corrected for moisture content; reported on a dry-weight basis.

### II. Volatile Organics (EPA 8260B):

Recoveries of surrogate analyte Dibromofluoromethane in samples SACA1126S-D005 and SACA1126SC005 and Toluene-d8 in sample SACA1126TT011 exceeded lower acceptance criteria. Target analyte results for these samples were modified to estimate (J) and non-detect estimate (UJ).

Comparison between measurements of Dichlorodifluoromethane in the laboratory control sample analyses (LCS/LCSD) for preparation batch 221885 exceeded precision acceptance criteria. This analyte was not detected in the associated field samples. No data qualifications were necessary.

The laboratory noted that recoveries of target analytes 1,1,1-Trichloroethane and 1,2-Dichloroethane in the continuing calibration verification (CCV) analysis associated with batch 221885 exceeded upper acceptance criteria. These analytes were not detected in the associated field samples. No data qualifications were necessary.

Recoveries of 1,1-Dichloropropene, Ethyl tert-butyl ether, and tert-Butylbenzene in the LCS for batch 222525 exceeded upper acceptance criteria. These analytes were not detected in the associated field samples. No data qualifications were necessary.

Recoveries of numerous analytes in the matrix spike analyses (MS/MSD) of water sample SACA1126TT011 exceeded lower acceptance criteria. Comparisons between measurements of several analytes exceeded precision acceptance criteria. The water samples within this SDG did not appear to originate from a common matrix. As confirmation of matrix similarity is outside the scope of Level II data review, data qualifiers were applied only to this parent sample. Results for the associated analytes were modified to non-detect estimate (UJ).

Recoveries of Chloromethane in the MS and MSD analyses of water sample SACA1126TT011 exceeded upper acceptance criteria. This analyte was not detected. No data qualifications were necessary.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

### **III. Semivolatile Organics (EPA 8270C):**

The laboratory noted that recoveries of target analytes 2,2-oxybix[1-chloropropane] and Aniline in the CCV analyses associated with analytical batches 222258, 222114 and 222850 exceeded upper acceptance criteria. These analytes were not detected in the associated field samples. No data qualifications were necessary.

Recoveries of numerous analytes in the MS and MSD analyses of water sample SACA1126TT011 exceeded lower acceptance criteria. Comparisons between measurements of several analytes exceeded precision acceptance criteria. As confirmation of matrix similarity with other water samples within this SDG is outside the scope of Level II data review, data qualifiers were applied only to this parent sample. Results for the associated analytes which exceeded in both the MS and MSD were modified to non-detect estimate (UJ).

Recoveries of target analytes in the MS and MSD analyses associated with soil preparation batch 222519 exceeded acceptance criteria; however, the parent sample originated from a separate SDG. Confirmation of matrix similarity is outside the scope of Level II data review. The laboratory provided a LCS with acceptable recoveries indicating the method was in control. No data qualifications were necessary.

Recoveries of the surrogate analytes in samples SACA1126TT009, SACA-1126TT012, SACA1126TT013, SACA1126SC003 and SACA1126SL003 exceeded acceptance criteria; however, the sample extracts were significantly diluted prior to analysis which altered the amount of surrogates in the extracts. Evaluation of the surrogate recoveries did not apply to these samples, and no data qualifications were necessary.

Recoveries of several target analytes in the LCS and LCSD analyses for preparation batch 221866 exceeded upper acceptance criteria. These analytes were not detected in the associated samples. No data qualifications were necessary.

Recovery of base/neutral-fraction surrogate analyte Terphenyl-d14 in sample SACA1126TT011 exceeded lower acceptance criteria. Method acceptance criteria are met unless more than one surrogate in an extraction fraction exceeds acceptance criteria. No data qualifications were necessary.

Acid-fraction surrogates were not recovered in the analysis of sample SACA1126TT011. The laboratory noted "evidence of matrix interference is present..." Results for acid-fraction analytes were modified to non-detect estimate (UJ).

Recoveries of target analytes in the MS and MSD analyses associated with soil preparation batch 221833 exceeded acceptance criteria; however, the parent sample originated from a separate SDG. Confirmation of matrix similarity is outside the scope of Level II data review. Acceptable recoveries of target analytes were achieved in the associated LCS except for 2,4-Dimethylphenol and N-Nitrosodiphenylamine which exceeded upper acceptance criteria. These analytes were not detected in the associated field samples. No data qualifications were necessary.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **IV. Gasoline Range Organics – GRO (EPA 8015B):**

The laboratory noted that the analyses of samples SACA1126SC003 and SACA1126TT011 occurred with significant headspace present in the sample vials. These results were modified to estimate (J).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **V. Diesel Range Organics – DRO (EPA 8015B):**

Recoveries of the surrogate analytes in samples SACA1126TT009 and SACA1126TT012 exceeded acceptance criteria; however, the sample extracts were significantly diluted prior to analysis which altered the amount of surrogate in the extracts. Evaluation of the surrogate recoveries did not apply to these samples, and no data qualifications were necessary.

Matrix spike data were not presented for the preparation batch containing field sample SACA1126TT008; therefore, matrix specific precision and accuracy could not be reviewed. The laboratory provided a LCS with acceptable recoveries indicating the method was in control.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **VI. ICP Metals (EPA 6010B):**

The laboratory noted that the following samples were received unpreserved and were preserved upon receipt: SACA1126SC003, SACA1126SL003, SACA1126-TT008 and SACA1126TT011. Results for these samples were modified to either estimate (J) or non-detect estimate (UJ).

Zinc was present in the preparation blank associated with sample SACA1126TT008. The concentration of Zinc in the sample was significantly greater than the blank contamination. The laboratory noted this result with a "B" qualifier which was removed.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **VII. Mercury (EPA 7471A):**

Comparison of measurements of Mercury in the MS and MSD from preparation batch 221842 exceeded precision acceptance criteria; however, the parent sample originated from a separate SDG. Confirmation of matrix similarity is outside the scope of Level II data review. The laboratory provided a LCS with acceptable recoveries indicating the method was in control. No data qualifications were necessary.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **VIII. Anions, Ion Chromatography (MCAWW 300.0):**

Recoveries of Bromide and Sulfate in the MS and MSD analyses of water sample SACA1126TT011 exceeded upper and lower acceptance criteria, respectively. The water samples within this SDG did not appear to originate from a common matrix. As confirmation of matrix similarity is outside the scope of Level II data review, data qualifiers were applied only to this parent sample. Results for Bromide and Sulfate were modified to non-detect estimate (UJ) and estimate (J), respectively.

Recoveries of Chloride in the MS and MSD analyses of water sample SACA1126TT011 exceeded acceptance criteria; however, the concentration of this analyte in the parent sample was significantly greater than the amount of spike added. No data qualifications were necessary.

Analyses for the Nitrogen and Phosphorus analytes in water samples SACA1126SC003, SACA1126SL003 and SACA1126TT011 were performed after expiration of the method holding times. Results for these analytes in these samples were modified to either estimate (J) or non-detect estimate (UJ).

Recoveries of Nitrogen analytes in the MS and MSD analyses of water sample SACA1126TT011 exceeded upper and lower acceptance criteria. The water samples within this SDG did not appear to originate from a common matrix. As confirmation of matrix similarity is outside the scope of Level II data review, data qualifiers were applied only to this parent sample. Nitrogen results for this sample were modified to non-detect estimate (UJ).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

**IX. Residual Chlorine (SM4500Cl G):**

Samples SACA1126TT009, SACA1126TT012, SACA1126TT013 and SACA1126-TT008 were not analyzed due to matrix issues.

Analyses for Residual Chlorine in field samples were performed after expiration of the method holding time. Results for this analyte in these samples were modified to either estimate (J) or non-detect estimate (UJ).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

**X. Percent Moisture/Percent Solids:**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.

**XI. Mercury (EPA 7470A):**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.



**Appendix I**  
**Form 1 Data (Qualified)**

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SL003**

Sample Matrix : Water

Total/Dissolved: T

Location ID: **NA**

Sample Date: 11/26/2014 15:05

Lab: **TAIRV**Lab Sample ID: **440-94483-1DL**

Analysis Date: 12/02/2014 13:35

Sample Type: **Site Sample**Method: **SW8260Bd**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	100	500	500	U	500	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT011**
**Location ID: NA**
**Lab Sample ID: 440-94483-11**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 11/26/2014 15:40**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/02/2014 11:36**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	5		5 U	5	UJ	ug/L *
71-55-6	1,1,1-Trichloroethane	1	2		2 U	2	UJ	ug/L *
79-34-5	1,1,2,2-Tetrachloroethane	1	2		2 U	2	UJ	ug/L *
79-00-5	1,1,2-Trichloroethane	1	2		2 U	2	UJ	ug/L *
75-34-3	1,1-Dichloroethane	1	2		2 U	2	UJ	ug/L *
75-35-4	1,1-Dichloroethene	1	5		5 U	5	UJ	ug/L *
563-58-6	1,1-Dichloropropene	1	2		2 U	2	UJ	ug/L *
87-61-6	1,2,3-Trichlorobenzene	1	5		5 U	5	UJ	ug/L *
96-18-4	1,2,3-Trichloropropane	1	10		10 U	10	UJ	ug/L *
120-82-1	1,2,4-Trichlorobenzene	1	5		5 U	5	UJ	ug/L *
95-63-6	1,2,4-Trimethylbenzene	1	2		2 U	2	UJ	ug/L *
96-12-8	1,2-Dibromo-3-Chloropropane	1	5		5 U	5	UJ	ug/L *
106-93-4	1,2-Dibromoethane (EDB)	1	2		2 U	2	UJ	ug/L *
95-50-1	1,2-Dichlorobenzene	1	2		2 U	2	UJ	ug/L *
107-06-2	1,2-Dichloroethane	1	2		2 U	2	UJ	ug/L *
78-87-5	1,2-Dichloropropane	1	2		2 U	2	UJ	ug/L *
108-67-8	1,3,5-Trimethylbenzene	1	2		2 U	2	UJ	ug/L *
541-73-1	1,3-Dichlorobenzene	1	2		2 U	2	UJ	ug/L *
142-28-9	1,3-Dichloropropane	1	2		2 U	2	UJ	ug/L *
106-46-7	1,4-Dichlorobenzene	1	2		2 U	2	UJ	ug/L *
594-20-7	2,2-Dichloropropane	1	2		2 U	2	UJ	ug/L *
95-49-8	2-Chlorotoluene	1	5		5 U	5	UJ	ug/L *
106-43-4	4-Chlorotoluene	1	5		5 U	5	UJ	ug/L *
71-43-2	Benzene	1	2		2 U	2	UJ	ug/L *
108-86-1	Bromobenzene	1	5		5 U	5	UJ	ug/L *
74-97-5	Bromochloromethane	1	5		5 U	5	UJ	ug/L *
75-27-4	Bromodichloromethane	1	2		2 U	2	UJ	ug/L *
75-25-2	Bromoform	1	5	18.6		18.6	J	ug/L *
74-83-9	Bromomethane	1	5		5 U	5	UJ	ug/L *
56-23-5	Carbon tetrachloride	1	5		5 U	5	UJ	ug/L *
108-90-7	Chlorobenzene	1	2		2 U	2	UJ	ug/L *
75-00-3	Chloroethane	1	5		5 U	5	UJ	ug/L *
67-66-3	Chloroform	1	2		2 U	2	UJ	ug/L *
74-87-3	Chloromethane	1	5		5 U	5	UJ	ug/L *
156-59-2	cis-1,2-Dichloroethene	1	2		2 U	2	UJ	ug/L *
10061-01-5	cis-1,3-Dichloropropene	1	2		2 U	2	UJ	ug/L *
124-48-1	Dibromochloromethane	1	2	3.12		3.12	J	ug/L *

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT011**
**Location ID: NA**
**Lab Sample ID: 440-94483-11**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 11/26/2014 15:40**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/02/2014 11:36**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
74-95-3	Dibromomethane	1	2		2 U	2	UJ	ug/L *
75-71-8	Dichlorodifluoromethane	1	5		5 U	5	UJ	ug/L *
100-41-4	Ethylbenzene	1	2		2 U	2	UJ	ug/L *
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5		5 U	5	UJ	ug/L *
87-68-3	Hexachlorobutadiene	1	5		5 U	5	UJ	ug/L *
108-20-3	Isopropyl Ether (DIPE)	1	5		5 U	5	UJ	ug/L *
98-82-8	Isopropylbenzene	1	2		2 U	2	UJ	ug/L *
179601-23-1	m,p-Xylene	1	2		2 U	2	UJ	ug/L *
75-09-2	Methylene Chloride	1	5		5 U	5	UJ	ug/L *
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1		1 U	1	UJ	ug/L *
91-20-3	Naphthalene	1	5		5 U	5	UJ	ug/L *
104-51-8	n-Butylbenzene	1	5		5 U	5	UJ	ug/L *
103-65-1	N-Propylbenzene	1	2		2 U	2	UJ	ug/L *
95-47-6	o-Xylene	1	2		2 U	2	UJ	ug/L *
99-87-6	p-Isopropyltoluene	1	2		2 U	2	UJ	ug/L *
135-98-8	sec-Butylbenzene	1	5		5 U	5	UJ	ug/L *
100-42-5	Styrene	1	2		2 U	2	UJ	ug/L *
994-05-8	Tert-amyl-methyl ether (TAME)	1	5		5 U	5	UJ	ug/L *
75-65-0	tert-Butyl alcohol (TBA)	1	10		65.9		65.9 J	ug/L *
98-06-6	tert-Butylbenzene	1	5		5 U	5	UJ	ug/L *
127-18-4	Tetrachloroethene	1	2		2 U	2	UJ	ug/L *
108-88-3	Toluene	1	2		2 U	2	UJ	ug/L *
156-60-5	trans-1,2-Dichloroethene	1	2		2 U	2	UJ	ug/L *
10061-02-6	trans-1,3-Dichloropropene	1	2		2 U	2	UJ	ug/L *
79-01-6	Trichloroethene	1	2		2 U	2	UJ	ug/L *
75-69-4	Trichlorofluoromethane	1	5		5 U	5	UJ	ug/L *
75-01-4	Vinyl chloride	1	5		5 U	5	UJ	ug/L *
1330-20-7	Xylenes, Total	1	2		2 U	2	UJ	ug/L *

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT012**
**Location ID: NA**
**Lab Sample ID: 440-94483-14**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Oil**
**Sample Date: 11/26/2014 15:55**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/02/2014 14:15**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	26.6	26.6	U	26.6	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	10.6	10.6	U	10.6	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1	10.6	10.6	U	10.6	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	10.6	10.6	U	10.6	U	ug/Kg
75-34-3	1,1-Dichloroethane	1	10.6	10.6	U	10.6	U	ug/Kg
75-35-4	1,1-Dichloroethene	1	26.6	26.6	U	26.6	U	ug/Kg
563-58-6	1,1-Dichloropropene	1	10.6	10.6	U	10.6	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1	26.6	26.6	U	26.6	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	1	53.2	53.2	U	53.2	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1	26.6	26.6	U	26.6	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1	10.6	10.6	U	10.6	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	26.6	26.6	U	26.6	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1	10.6	10.6	U	10.6	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	10.6	10.6	U	10.6	U	ug/Kg
107-06-2	1,2-Dichloroethane	1	10.6	10.6	U	10.6	U	ug/Kg
78-87-5	1,2-Dichloropropane	1	10.6	10.6	U	10.6	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1	10.6	10.6	U	10.6	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	10.6	10.6	U	10.6	U	ug/Kg
142-28-9	1,3-Dichloropropane	1	10.6	10.6	U	10.6	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	10.6	10.6	U	10.6	U	ug/Kg
594-20-7	2,2-Dichloropropane	1	10.6	10.6	U	10.6	U	ug/Kg
95-49-8	2-Chlorotoluene	1	26.6	26.6	U	26.6	U	ug/Kg
106-43-4	4-Chlorotoluene	1	26.6	26.6	U	26.6	U	ug/Kg
71-43-2	Benzene	1	10.6	10.6	U	10.6	U	ug/Kg
108-86-1	Bromobenzene	1	26.6	26.6	U	26.6	U	ug/Kg
74-97-5	Bromochloromethane	1	26.6	26.6	U	26.6	U	ug/Kg
75-27-4	Bromodichloromethane	1	10.6	10.6	U	10.6	U	ug/Kg
75-25-2	Bromoform	1	26.6	26.6	U	26.6	U	ug/Kg
74-83-9	Bromomethane	1	26.6	26.6	U	26.6	U	ug/Kg
56-23-5	Carbon tetrachloride	1	26.6	26.6	U	26.6	U	ug/Kg
108-90-7	Chlorobenzene	1	10.6	10.6	U	10.6	U	ug/Kg
75-00-3	Chloroethane	1	26.6	26.6	U	26.6	U	ug/Kg
67-66-3	Chloroform	1	10.6	10.6	U	10.6	U	ug/Kg
74-87-3	Chloromethane	1	26.6	26.6	U	26.6	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	10.6	10.6	U	10.6	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1	10.6	10.6	U	10.6	U	ug/Kg
124-48-1	Dibromochloromethane	1	10.6	10.6	U	10.6	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT012**Location ID: **NA**Lab Sample ID: **440-94483-14**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **11/26/2014 15:55**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 14:15**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	10.6	10.6	U	10.6	U	ug/Kg
75-71-8	Dichlorodifluoromethane	1	26.6	26.6	U *	26.6	U	ug/Kg
100-41-4	Ethylbenzene	1	10.6	10.6	U	10.6	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1	26.6	26.6	U	26.6	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	26.6	26.6	U	26.6	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1	26.6	26.6	U	26.6	U	ug/Kg
98-82-8	Isopropylbenzene	1	10.6	10.6	U	10.6	U	ug/Kg
179601-23-1	m,p-Xylene	1	10.6	10.6	U	10.6	U	ug/Kg
75-09-2	Methylene Chloride	1	106	106	U	106	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	26.6	26.6	U	26.6	U	ug/Kg
91-20-3	Naphthalene	1	26.6	26.6	U	26.6	U	ug/Kg
104-51-8	n-Butylbenzene	1	26.6	26.6	U	26.6	U	ug/Kg
103-65-1	N-Propylbenzene	1	10.6	10.6	U	10.6	U	ug/Kg
95-47-6	o-Xylene	1	10.6	10.6	U	10.6	U	ug/Kg
99-87-6	p-Isopropyltoluene	1	10.6	10.6	U	10.6	U	ug/Kg
135-98-8	sec-Butylbenzene	1	26.6	26.6	U	26.6	U	ug/Kg
100-42-5	Styrene	1	10.6	10.6	U	10.6	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1	26.6	26.6	U	26.6	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1	532	532	U	532	U	ug/Kg
98-06-6	tert-Butylbenzene	1	26.6	26.6	U	26.6	U	ug/Kg
127-18-4	Tetrachloroethene	1	10.6	10.6	U	10.6	U	ug/Kg
108-88-3	Toluene	1	10.6	10.6	U	10.6	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1	10.6	10.6	U	10.6	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1	10.6	10.6	U	10.6	U	ug/Kg
79-01-6	Trichloroethene	1	10.6	10.6	U	10.6	U	ug/Kg
75-69-4	Trichlorofluoromethane	1	26.6	26.6	U	26.6	U	ug/Kg
75-01-4	Vinyl chloride	1	26.6	26.6	U	26.6	U	ug/Kg
1330-20-7	Xylenes, Total	1	21.3	21.3	U	21.3	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT013**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/26/2014 16:00**Lab: **TAIRV**Lab Sample ID: **440-94483-15**Analysis Date: **12/02/2014 14:41**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	23.6	23.6	U	23.6	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-34-3	1,1-Dichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-35-4	1,1-Dichloroethene	1	23.6	23.6	U	23.6	U	ug/Kg
563-58-6	1,1-Dichloropropene	1	9.43	9.43	U	9.43	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1	23.6	23.6	U	23.6	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	1	47.2	47.2	U	47.2	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1	23.6	23.6	U	23.6	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	23.6	23.6	U	23.6	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1	9.43	9.43	U	9.43	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
107-06-2	1,2-Dichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
78-87-5	1,2-Dichloropropane	1	9.43	9.43	U	9.43	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
142-28-9	1,3-Dichloropropane	1	9.43	9.43	U	9.43	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
594-20-7	2,2-Dichloropropane	1	9.43	9.43	U	9.43	U	ug/Kg
95-49-8	2-Chlorotoluene	1	23.6	23.6	U	23.6	U	ug/Kg
106-43-4	4-Chlorotoluene	1	23.6	23.6	U	23.6	U	ug/Kg
71-43-2	Benzene	1	9.43	9.43	U	9.43	U	ug/Kg
108-86-1	Bromobenzene	1	23.6	23.6	U	23.6	U	ug/Kg
74-97-5	Bromochloromethane	1	23.6	23.6	U	23.6	U	ug/Kg
75-27-4	Bromodichloromethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-25-2	Bromoform	1	23.6	23.6	U	23.6	U	ug/Kg
74-83-9	Bromomethane	1	23.6	23.6	U	23.6	U	ug/Kg
56-23-5	Carbon tetrachloride	1	23.6	23.6	U	23.6	U	ug/Kg
108-90-7	Chlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
75-00-3	Chloroethane	1	23.6	23.6	U	23.6	U	ug/Kg
67-66-3	Chloroform	1	9.43	9.43	U	9.43	U	ug/Kg
74-87-3	Chloromethane	1	23.6	23.6	U	23.6	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1	9.43	9.43	U	9.43	U	ug/Kg
124-48-1	Dibromochloromethane	1	9.43	9.43	U	9.43	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT013**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/26/2014 16:00**Lab: **TAIRV**Lab Sample ID: **440-94483-15**Analysis Date: **12/02/2014 14:41**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-71-8	Dichlorodifluoromethane	1	23.6	23.6	U *	23.6	U	ug/Kg
100-41-4	Ethylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1	23.6	23.6	U	23.6	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	23.6	23.6	U	23.6	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1	23.6	23.6	U	23.6	U	ug/Kg
98-82-8	Isopropylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
179601-23-1	m,p-Xylene	1	9.43	9.43	U	9.43	U	ug/Kg
75-09-2	Methylene Chloride	1	94.3	94.3	U	94.3	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	23.6	23.6	U	23.6	U	ug/Kg
91-20-3	Naphthalene	1	23.6	23.6	U	23.6	U	ug/Kg
104-51-8	n-Butylbenzene	1	23.6	23.6	U	23.6	U	ug/Kg
103-65-1	N-Propylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
95-47-6	o-Xylene	1	9.43	9.43	U	9.43	U	ug/Kg
99-87-6	p-Isopropyltoluene	1	9.43	9.43	U	9.43	U	ug/Kg
135-98-8	sec-Butylbenzene	1	23.6	23.6	U	23.6	U	ug/Kg
100-42-5	Styrene	1	9.43	9.56		9.56		ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1	23.6	23.6	U	23.6	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1	472	472	U	472	U	ug/Kg
98-06-6	tert-Butylbenzene	1	23.6	23.6	U	23.6	U	ug/Kg
127-18-4	Tetrachloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
108-88-3	Toluene	1	9.43	9.43	U	9.43	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1	9.43	9.43	U	9.43	U	ug/Kg
79-01-6	Trichloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
75-69-4	Trichlorofluoromethane	1	23.6	23.6	U	23.6	U	ug/Kg
75-01-4	Vinyl chloride	1	23.6	23.6	U	23.6	U	ug/Kg
1330-20-7	Xylenes, Total	1	18.9	18.9	U	18.9	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1123TB004**Location ID: **NA**Lab Sample ID: **440-94483-16**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 10:37**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	5	U	5	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	2	U	2	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	2	U	2	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	2	U	2	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	2	U	2	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	5	U	5	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	2	U	2	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	5	U	5	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	10	U	10	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	5	U	5	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	2	U	2	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	5	U	5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	2	U	2	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	2	U	2	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	2	U	2	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	2	U	2	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	2	U	2	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	2	U	2	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	2	U	2	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	2	U	2	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	2	U	2	U	ug/L
95-49-8	2-Chlorotoluene	1	5	5	U	5	U	ug/L
106-43-4	4-Chlorotoluene	1	5	5	U	5	U	ug/L
71-43-2	Benzene	1	2	2	U	2	U	ug/L
108-86-1	Bromobenzene	1	5	5	U	5	U	ug/L
74-97-5	Bromochloromethane	1	5	5	U	5	U	ug/L
75-27-4	Bromodichloromethane	1	2	2	U	2	U	ug/L
75-25-2	Bromoform	1	5	5	U	5	U	ug/L
74-83-9	Bromomethane	1	5	5	U	5	U	ug/L
56-23-5	Carbon tetrachloride	1	5	5	U	5	U	ug/L
108-90-7	Chlorobenzene	1	2	2	U	2	U	ug/L
75-00-3	Chloroethane	1	5	5	U	5	U	ug/L
67-66-3	Chloroform	1	2	2	U	2	U	ug/L
74-87-3	Chloromethane	1	5	5	U	5	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	2	U	2	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	2	U	2	U	ug/L
124-48-1	Dibromochloromethane	1	2	2	U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1123TB004**Location ID: **NA**Lab Sample ID: **440-94483-16**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 10:37**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2		2 U	2	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5		5 U	5	U	ug/L
100-41-4	Ethylbenzene	1	2		2 U	2	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5		5 U	5	U	ug/L
87-68-3	Hexachlorobutadiene	1	5		5 U	5	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5		5 U	5	U	ug/L
98-82-8	Isopropylbenzene	1	2		2 U	2	U	ug/L
179601-23-1	m,p-Xylene	1	2		2 U	2	U	ug/L
75-09-2	Methylene Chloride	1	5		5 U	5	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1		1 U	1	U	ug/L
91-20-3	Naphthalene	1	5		5 U	5	U	ug/L
104-51-8	n-Butylbenzene	1	5		5 U	5	U	ug/L
103-65-1	N-Propylbenzene	1	2		2 U	2	U	ug/L
95-47-6	o-Xylene	1	2		2 U	2	U	ug/L
99-87-6	p-Isopropyltoluene	1	2		2 U	2	U	ug/L
135-98-8	sec-Butylbenzene	1	5		5 U	5	U	ug/L
100-42-5	Styrene	1	2		2 U	2	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5		5 U	5	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10		10 U	10	U	ug/L
98-06-6	tert-Butylbenzene	1	5		5 U	5	U	ug/L
127-18-4	Tetrachloroethene	1	2		2 U	2	U	ug/L
108-88-3	Toluene	1	2		2 U	2	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2		2 U	2	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2		2 U	2	U	ug/L
79-01-6	Trichloroethene	1	2		2 U	2	U	ug/L
75-69-4	Trichlorofluoromethane	1	5		5 U	5	U	ug/L
75-01-4	Vinyl chloride	1	5		5 U	5	U	ug/L
1330-20-7	Xylenes, Total	1	2		2 U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1123TB006**Location ID: **NA**Lab Sample ID: **440-94483-17**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 11:07**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	5	U	5	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	2	U	2	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	2	U	2	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	2	U	2	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	2	U	2	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	5	U	5	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	2	U	2	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	5	U	5	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	10	U	10	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	5	U	5	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	2	U	2	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	5	U	5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	2	U	2	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	2	U	2	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	2	U	2	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	2	U	2	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	2	U	2	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	2	U	2	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	2	U	2	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	2	U	2	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	2	U	2	U	ug/L
95-49-8	2-Chlorotoluene	1	5	5	U	5	U	ug/L
106-43-4	4-Chlorotoluene	1	5	5	U	5	U	ug/L
71-43-2	Benzene	1	2	2	U	2	U	ug/L
108-86-1	Bromobenzene	1	5	5	U	5	U	ug/L
74-97-5	Bromochloromethane	1	5	5	U	5	U	ug/L
75-27-4	Bromodichloromethane	1	2	2	U	2	U	ug/L
75-25-2	Bromoform	1	5	5	U	5	U	ug/L
74-83-9	Bromomethane	1	5	5	U	5	U	ug/L
56-23-5	Carbon tetrachloride	1	5	5	U	5	U	ug/L
108-90-7	Chlorobenzene	1	2	2	U	2	U	ug/L
75-00-3	Chloroethane	1	5	5	U	5	U	ug/L
67-66-3	Chloroform	1	2	2	U	2	U	ug/L
74-87-3	Chloromethane	1	5	5	U	5	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	2	U	2	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	2	U	2	U	ug/L
124-48-1	Dibromochloromethane	1	2	2	U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1123TB006**Location ID: **NA**Lab Sample ID: **440-94483-17**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 11:07**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	2	U	2	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	5	U	5	U	ug/L
100-41-4	Ethylbenzene	1	2	2	U	2	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	5	U	5	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	5	U	5	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	5	U	5	U	ug/L
98-82-8	Isopropylbenzene	1	2	2	U	2	U	ug/L
179601-23-1	m,p-Xylene	1	2	2	U	2	U	ug/L
75-09-2	Methylene Chloride	1	5	5	U	5	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	1	U	1	U	ug/L
91-20-3	Naphthalene	1	5	5	U	5	U	ug/L
104-51-8	n-Butylbenzene	1	5	5	U	5	U	ug/L
103-65-1	N-Propylbenzene	1	2	2	U	2	U	ug/L
95-47-6	o-Xylene	1	2	2	U	2	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	2	U	2	U	ug/L
135-98-8	sec-Butylbenzene	1	5	5	U	5	U	ug/L
100-42-5	Styrene	1	2	2	U	2	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	5	U	5	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	10	U	10	U	ug/L
98-06-6	tert-Butylbenzene	1	5	5	U	5	U	ug/L
127-18-4	Tetrachloroethene	1	2	2	U	2	U	ug/L
108-88-3	Toluene	1	2	2	U	2	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	2	U	2	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	2	U	2	U	ug/L
79-01-6	Trichloroethene	1	2	2	U	2	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	5	U	5	U	ug/L
75-01-4	Vinyl chloride	1	5	5	U	5	U	ug/L
1330-20-7	Xylenes, Total	1	2	2	U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT008**Location ID: **NA**Lab Sample ID: **440-94483-18DL**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Soil**Sample Date: **11/26/2014 15:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/04/2014 18:40**% Solids: **36.9**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	100	1350	1350	U	1350	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	100	540	540	U	540	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	540	540	U	540	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	100	540	540	U	540	U	ug/Kg
75-34-3	1,1-Dichloroethane	100	540	540	U	540	U	ug/Kg
75-35-4	1,1-Dichloroethene	100	1350	1350	U	1350	U	ug/Kg
563-58-6	1,1-Dichloropropene	100	540	540	U	540	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	100	1350	1350	U	1350	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	100	2700	2700	U	2700	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	1350	1350	U	1350	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	100	540	540	U	540	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	1350	1350	U	1350	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	100	540	540	U	540	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	540	540	U	540	U	ug/Kg
107-06-2	1,2-Dichloroethane	100	540	540	U	540	U	ug/Kg
78-87-5	1,2-Dichloropropane	100	540	540	U	540	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	540	540	U	540	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	540	540	U	540	U	ug/Kg
142-28-9	1,3-Dichloropropane	100	540	540	U	540	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	540	540	U	540	U	ug/Kg
594-20-7	2,2-Dichloropropane	100	1080	1080	U	1080	U	ug/Kg
95-49-8	2-Chlorotoluene	100	1350	1350	U	1350	U	ug/Kg
106-43-4	4-Chlorotoluene	100	1350	1350	U	1350	U	ug/Kg
71-43-2	Benzene	100	540	540	U	540	U	ug/Kg
108-86-1	Bromobenzene	100	1350	1350	U	1350	U	ug/Kg
74-97-5	Bromochloromethane	100	1350	1350	U	1350	U	ug/Kg
75-27-4	Bromodichloromethane	100	540	540	U	540	U	ug/Kg
75-25-2	Bromoform	100	1350	1350	U	1350	U	ug/Kg
74-83-9	Bromomethane	100	1350	1350	U	1350	U	ug/Kg
56-23-5	Carbon tetrachloride	100	1350	1350	U	1350	U	ug/Kg
108-90-7	Chlorobenzene	100	540	540	U	540	U	ug/Kg
75-00-3	Chloroethane	100	1350	1350	U	1350	U	ug/Kg
67-66-3	Chloroform	100	540	540	U	540	U	ug/Kg
74-87-3	Chloromethane	100	1350	1350	U	1350	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	100	540	540	U	540	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	100	540	540	U	540	U	ug/Kg
124-48-1	Dibromochloromethane	100	540	540	U	540	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT008**Location ID: **NA**Lab Sample ID: **440-94483-18DL**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Soil**Sample Date: **11/26/2014 15:00**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/04/2014 18:40**% Solids: **36.9**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	100	540	540	U	540	U	ug/Kg
75-71-8	Dichlorodifluoromethane	100	1350	1350	U	1350	U	ug/Kg
100-41-4	Ethylbenzene	100	540	540	U	540	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	100	1350	1350	U	1350	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	1350	1350	U	1350	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	100	1350	1350	U	1350	U	ug/Kg
98-82-8	Isopropylbenzene	100	540	540	U	540	U	ug/Kg
179601-23-1	m,p-Xylene	100	1080	1080	U	1080	U	ug/Kg
75-09-2	Methylene Chloride	100	5400	5400	U	5400	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	1350	1350	U	1350	U	ug/Kg
91-20-3	Naphthalene	100	1350	1350	U	1350	U	ug/Kg
104-51-8	n-Butylbenzene	100	1350	1350	U	1350	U	ug/Kg
103-65-1	N-Propylbenzene	100	540	540	U	540	U	ug/Kg
95-47-6	o-Xylene	100	540	540	U	540	U	ug/Kg
99-87-6	p-Isopropyltoluene	100	540	540	U	540	U	ug/Kg
135-98-8	sec-Butylbenzene	100	1350	1350	U	1350	U	ug/Kg
100-42-5	Styrene	100	540	540	U	540	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	100	1350	1350	U	1350	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	100	27000	27000	U	27000	U	ug/Kg
98-06-6	tert-Butylbenzene	100	1350	1350	U	1350	U	ug/Kg
127-18-4	Tetrachloroethene	100	540	540	U	540	U	ug/Kg
108-88-3	Toluene	100	540	540	U	540	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	100	540	540	U	540	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	100	540	540	U	540	U	ug/Kg
79-01-6	Trichloroethene	100	540	540	U	540	U	ug/Kg
75-69-4	Trichlorofluoromethane	100	1350	1350	U	1350	U	ug/Kg
75-01-4	Vinyl chloride	100	1350	1350	U	1350	U	ug/Kg
1330-20-7	Xylenes, Total	100	1080	1080	U	1080	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SL003**
**Location ID: NA**
**Lab Sample ID: 440-94483-1DL**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 11/26/2014 15:05**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/02/2014 13:35**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
71-55-6	1,1,1-Trichloroethane	100	200	200	U	200	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	100	200	200	U	200	U	ug/L
79-00-5	1,1,2-Trichloroethane	100	200	200	U	200	U	ug/L
75-34-3	1,1-Dichloroethane	100	200	200	U	200	U	ug/L
75-35-4	1,1-Dichloroethene	100	500	500	U	500	U	ug/L
563-58-6	1,1-Dichloropropene	100	200	200	U	200	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	100	500	500	U	500	U	ug/L
96-18-4	1,2,3-Trichloropropane	100	1000	1000	U	1000	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	100	500	500	U	500	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	100	200	200	U	200	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	100	500	500	U	500	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	100	200	200	U	200	U	ug/L
95-50-1	1,2-Dichlorobenzene	100	200	200	U	200	U	ug/L
107-06-2	1,2-Dichloroethane	100	200	200	U	200	U	ug/L
78-87-5	1,2-Dichloropropane	100	200	200	U	200	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	100	200	200	U	200	U	ug/L
541-73-1	1,3-Dichlorobenzene	100	200	200	U	200	U	ug/L
142-28-9	1,3-Dichloropropane	100	200	200	U	200	U	ug/L
106-46-7	1,4-Dichlorobenzene	100	200	200	U	200	U	ug/L
594-20-7	2,2-Dichloropropane	100	200	200	U	200	U	ug/L
95-49-8	2-Chlorotoluene	100	500	500	U	500	U	ug/L
106-43-4	4-Chlorotoluene	100	500	500	U	500	U	ug/L
71-43-2	Benzene	100	200	200	U	200	U	ug/L
108-86-1	Bromobenzene	100	500	500	U	500	U	ug/L
74-97-5	Bromochloromethane	100	500	500	U	500	U	ug/L
75-27-4	Bromodichloromethane	100	200	200	U	200	U	ug/L
75-25-2	Bromoform	100	500	500	U	500	U	ug/L
74-83-9	Bromomethane	100	500	500	U	500	U	ug/L
56-23-5	Carbon tetrachloride	100	500	500	U	500	U	ug/L
108-90-7	Chlorobenzene	100	200	200	U	200	U	ug/L
75-00-3	Chloroethane	100	500	500	U	500	U	ug/L
67-66-3	Chloroform	100	200	200	U	200	U	ug/L
74-87-3	Chloromethane	100	500	500	U	500	U	ug/L
156-59-2	cis-1,2-Dichloroethene	100	200	200	U	200	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	100	200	200	U	200	U	ug/L
124-48-1	Dibromochloromethane	100	200	200	U	200	U	ug/L
74-95-3	Dibromomethane	100	200	200	U	200	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SL003**

Sample Matrix : Water

Total/Dissolved: **T**Location ID: **NA**Sample Date: **11/26/2014 15:05**Lab: **TAIRV**Lab Sample ID: **440-94483-1DL**Analysis Date: **12/02/2014 13:35**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
75-71-8	Dichlorodifluoromethane	100	500	500	U	500	U	ug/L
100-41-4	Ethylbenzene	100	200	200	U	200	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	100	500	500	U	500	U	ug/L
87-68-3	Hexachlorobutadiene	100	500	500	U	500	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	100	500	500	U	500	U	ug/L
98-82-8	Isopropylbenzene	100	200	200	U	200	U	ug/L
179601-23-1	m,p-Xylene	100	200	200	U	200	U	ug/L
75-09-2	Methylene Chloride	100	500	500	U	500	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	100	100	U	100	U	ug/L
91-20-3	Naphthalene	100	500	500	U	500	U	ug/L
104-51-8	n-Butylbenzene	100	500	500	U	500	U	ug/L
103-65-1	N-Propylbenzene	100	200	200	U	200	U	ug/L
95-47-6	o-Xylene	100	200	200	U	200	U	ug/L
99-87-6	p-Isopropyltoluene	100	200	200	U	200	U	ug/L
135-98-8	sec-Butylbenzene	100	500	500	U	500	U	ug/L
100-42-5	Styrene	100	200	200	U	200	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	100	500	500	U	500	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	100	1000	1000	U	1000	U	ug/L
98-06-6	tert-Butylbenzene	100	500	500	U	500	U	ug/L
127-18-4	Tetrachloroethene	100	200	200	U	200	U	ug/L
108-88-3	Toluene	100	200	200	U	200	U	ug/L
156-60-5	trans-1,2-Dichloroethene	100	200	200	U	200	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	100	200	200	U	200	U	ug/L
79-01-6	Trichloroethene	100	200	200	U	200	U	ug/L
75-69-4	Trichlorofluoromethane	100	500	500	U	500	U	ug/L
75-01-4	Vinyl chloride	100	500	500	U	500	U	ug/L
1330-20-7	Xylenes, Total	100	200	200	U	200	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**

COC Sample ID: <b>SACA1126SC003</b>		Sample Matrix : Water				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/26/2014 15:30</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94483-2DL</b>		Analysis Date: <b>12/02/2014 13:05</b>						
Sample Type: <b>Site Sample</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	20	100	100	U	100	U	ug/L
71-55-6	1,1,1-Trichloroethane	20	40	40	U	40	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20	40	40	U	40	U	ug/L
79-00-5	1,1,2-Trichloroethane	20	40	40	U	40	U	ug/L
75-34-3	1,1-Dichloroethane	20	40	40	U	40	U	ug/L
75-35-4	1,1-Dichloroethene	20	100	100	U	100	U	ug/L
563-58-6	1,1-Dichloropropene	20	40	40	U	40	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	20	100	100	U	100	U	ug/L
96-18-4	1,2,3-Trichloropropane	20	200	200	U	200	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	20	100	100	U	100	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	20	40	40	U	40	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20	100	100	U	100	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	20	40	40	U	40	U	ug/L
95-50-1	1,2-Dichlorobenzene	20	40	40	U	40	U	ug/L
107-06-2	1,2-Dichloroethane	20	40	40	U	40	U	ug/L
78-87-5	1,2-Dichloropropane	20	40	40	U	40	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	20	40	40	U	40	U	ug/L
541-73-1	1,3-Dichlorobenzene	20	40	40	U	40	U	ug/L
142-28-9	1,3-Dichloropropane	20	40	40	U	40	U	ug/L
106-46-7	1,4-Dichlorobenzene	20	40	40	U	40	U	ug/L
594-20-7	2,2-Dichloropropane	20	40	40	U	40	U	ug/L
95-49-8	2-Chlorotoluene	20	100	100	U	100	U	ug/L
106-43-4	4-Chlorotoluene	20	100	100	U	100	U	ug/L
71-43-2	Benzene	20	40	40	U	40	U	ug/L
108-86-1	Bromobenzene	20	100	100	U	100	U	ug/L
74-97-5	Bromochloromethane	20	100	100	U	100	U	ug/L
75-27-4	Bromodichloromethane	20	40	40	U	40	U	ug/L
75-25-2	Bromoform	20	100	100	U	100	U	ug/L
74-83-9	Bromomethane	20	100	100	U	100	U	ug/L
56-23-5	Carbon tetrachloride	20	100	100	U	100	U	ug/L
108-90-7	Chlorobenzene	20	40	40	U	40	U	ug/L
75-00-3	Chloroethane	20	100	100	U	100	U	ug/L
67-66-3	Chloroform	20	40	40	U	40	U	ug/L
74-87-3	Chloromethane	20	100	100	U	100	U	ug/L
156-59-2	cis-1,2-Dichloroethene	20	40	40	U	40	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	20	40	40	U	40	U	ug/L
124-48-1	Dibromochloromethane	20	40	40	U	40	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC003**Location ID: **NA**Lab Sample ID: **440-94483-2DL**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/26/2014 15:30**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 13:05**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	20	40	40	U	40	U	ug/L
75-71-8	Dichlorodifluoromethane	20	100	100	U	100	U	ug/L
100-41-4	Ethylbenzene	20	40	40	U	40	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	20	100	100	U	100	U	ug/L
87-68-3	Hexachlorobutadiene	20	100	100	U	100	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	20	100	100	U	100	U	ug/L
98-82-8	Isopropylbenzene	20	40	40	U	40	U	ug/L
179601-23-1	m,p-Xylene	20	40	40	U	40	U	ug/L
75-09-2	Methylene Chloride	20	100	100	U	100	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	20	20	20	U	20	U	ug/L
91-20-3	Naphthalene	20	100	100	U	100	U	ug/L
104-51-8	n-Butylbenzene	20	100	100	U	100	U	ug/L
103-65-1	N-Propylbenzene	20	40	40	U	40	U	ug/L
95-47-6	o-Xylene	20	40	40	U	40	U	ug/L
99-87-6	p-Isopropyltoluene	20	40	40	U	40	U	ug/L
135-98-8	sec-Butylbenzene	20	100	100	U	100	U	ug/L
100-42-5	Styrene	20	40	40	U	40	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	20	100	100	U	100	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	20	200	200	U	200	U	ug/L
98-06-6	tert-Butylbenzene	20	100	100	U	100	U	ug/L
127-18-4	Tetrachloroethene	20	40	40	U	40	U	ug/L
108-88-3	Toluene	20	40	40	U	40	U	ug/L
156-60-5	trans-1,2-Dichloroethene	20	40	40	U	40	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	20	40	40	U	40	U	ug/L
79-01-6	Trichloroethene	20	40	40	U	40	U	ug/L
75-69-4	Trichlorofluoromethane	20	100	100	U	100	U	ug/L
75-01-4	Vinyl chloride	20	100	100	U	100	U	ug/L
1330-20-7	Xylenes, Total	20	40	40	U	40	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SD003**
**Location ID: NA**
**Lab Sample ID: 440-94483-3**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 15:20**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/02/2014 12:55**
**% Solids: 41.4**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	12.1	12.1	U	12.1	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	4.84	4.84	U	4.84	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1	4.84	4.84	U	4.84	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	4.84	4.84	U	4.84	U	ug/Kg
75-34-3	1,1-Dichloroethane	1	4.84	4.84	U	4.84	U	ug/Kg
75-35-4	1,1-Dichloroethene	1	12.1	12.1	U	12.1	U	ug/Kg
563-58-6	1,1-Dichloropropene	1	4.84	4.84	U	4.84	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1	12.1	12.1	U	12.1	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	1	24.2	24.2	U	24.2	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1	12.1	12.1	U	12.1	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1	4.84	4.84	U	4.84	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	12.1	12.1	U	12.1	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1	4.84	4.84	U	4.84	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	4.84	4.84	U	4.84	U	ug/Kg
107-06-2	1,2-Dichloroethane	1	4.84	4.84	U	4.84	U	ug/Kg
78-87-5	1,2-Dichloropropane	1	4.84	4.84	U	4.84	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1	4.84	4.84	U	4.84	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	4.84	4.84	U	4.84	U	ug/Kg
142-28-9	1,3-Dichloropropane	1	4.84	4.84	U	4.84	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	4.84	4.84	U	4.84	U	ug/Kg
594-20-7	2,2-Dichloropropane	1	9.67	9.67	U	9.67	U	ug/Kg
95-49-8	2-Chlorotoluene	1	12.1	12.1	U	12.1	U	ug/Kg
106-43-4	4-Chlorotoluene	1	12.1	12.1	U	12.1	U	ug/Kg
71-43-2	Benzene	1	4.84	4.84	U	4.84	U	ug/Kg
108-86-1	Bromobenzene	1	12.1	12.1	U	12.1	U	ug/Kg
74-97-5	Bromochloromethane	1	12.1	12.1	U	12.1	U	ug/Kg
75-27-4	Bromodichloromethane	1	4.84	4.84	U	4.84	U	ug/Kg
75-25-2	Bromoform	1	12.1	12.1	U	12.1	U	ug/Kg
74-83-9	Bromomethane	1	12.1	12.1	U	12.1	U	ug/Kg
56-23-5	Carbon tetrachloride	1	12.1	12.1	U	12.1	U	ug/Kg
108-90-7	Chlorobenzene	1	4.84	4.84	U	4.84	U	ug/Kg
75-00-3	Chloroethane	1	12.1	12.1	U	12.1	U	ug/Kg
67-66-3	Chloroform	1	4.84	113		113		ug/Kg
74-87-3	Chloromethane	1	12.1	12.1	U	12.1	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	4.84	4.84	U	4.84	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1	4.84	4.84	U	4.84	U	ug/Kg
124-48-1	Dibromochloromethane	1	4.84	4.84	U	4.84	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: <b>SACA1126SD003</b>		Sample Matrix : Soil			Total/Dissolved: T			
Location ID: <b>NA</b>		Sample Date: 11/26/2014 15:20			Lab: <b>TAIRV</b>			
Lab Sample ID: <b>440-94483-3</b>		Analysis Date: 12/02/2014 12:55			% Solids: 41.4			
Sample Type: <b>Site Sample</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	4.84	4.84	U	4.84	U	ug/Kg
75-71-8	Dichlorodifluoromethane	1	12.1	12.1	U	12.1	U	ug/Kg
100-41-4	Ethylbenzene	1	4.84	4.84	U	4.84	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1	12.1	12.1	U	12.1	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	12.1	12.1	U	12.1	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1	12.1	12.1	U	12.1	U	ug/Kg
98-82-8	Isopropylbenzene	1	4.84	4.84	U	4.84	U	ug/Kg
179601-23-1	m,p-Xylene	1	9.67	9.67	U	9.67	U	ug/Kg
75-09-2	Methylene Chloride	1	48.4	48.4	U	48.4	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	12.1	12.1	U	12.1	U	ug/Kg
91-20-3	Naphthalene	1	12.1	12.1	U	12.1	U	ug/Kg
104-51-8	n-Butylbenzene	1	12.1	12.1	U	12.1	U	ug/Kg
103-65-1	N-Propylbenzene	1	4.84	4.84	U	4.84	U	ug/Kg
95-47-6	o-Xylene	1	4.84	4.84	U	4.84	U	ug/Kg
99-87-6	p-Isopropyltoluene	1	4.84	4.84	U	4.84	U	ug/Kg
135-98-8	sec-Butylbenzene	1	12.1	12.1	U	12.1	U	ug/Kg
100-42-5	Styrene	1	4.84	4.84	U	4.84	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1	12.1	12.1	U	12.1	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1	242	242	U	242	U	ug/Kg
98-06-6	tert-Butylbenzene	1	12.1	12.1	U	12.1	U	ug/Kg
127-18-4	Tetrachloroethene	1	4.84	4.84	U	4.84	U	ug/Kg
108-88-3	Toluene	1	4.84	4.84	U	4.84	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1	4.84	4.84	U	4.84	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1	4.84	4.84	U	4.84	U	ug/Kg
79-01-6	Trichloroethene	1	4.84	4.84	U	4.84	U	ug/Kg
75-69-4	Trichlorofluoromethane	1	12.1	12.1	U	12.1	U	ug/Kg
75-01-4	Vinyl chloride	1	12.1	12.1	U	12.1	U	ug/Kg
1330-20-7	Xylenes, Total	1	9.67	9.67	U	9.67	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SD004**
**Location ID: NA**
**Lab Sample ID: 440-94483-4**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 15:50**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/02/2014 13:22**
**% Solids: 84.8**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	30.1	30.1	U	30.1	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	12	12	U	12	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1	12	12	U	12	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	12	12	U	12	U	ug/Kg
75-34-3	1,1-Dichloroethane	1	12	12	U	12	U	ug/Kg
75-35-4	1,1-Dichloroethene	1	30.1	30.1	U	30.1	U	ug/Kg
563-58-6	1,1-Dichloropropene	1	12	12	U	12	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1	30.1	30.1	U	30.1	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	1	60.2	60.2	U	60.2	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1	30.1	30.1	U	30.1	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1	12	12	U	12	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	30.1	30.1	U	30.1	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1	12	12	U	12	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	12	12	U	12	U	ug/Kg
107-06-2	1,2-Dichloroethane	1	12	12	U	12	U	ug/Kg
78-87-5	1,2-Dichloropropane	1	12	12	U	12	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1	12	12	U	12	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	12	12	U	12	U	ug/Kg
142-28-9	1,3-Dichloropropane	1	12	12	U	12	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	12	12	U	12	U	ug/Kg
594-20-7	2,2-Dichloropropane	1	24.1	24.1	U	24.1	U	ug/Kg
95-49-8	2-Chlorotoluene	1	30.1	30.1	U	30.1	U	ug/Kg
106-43-4	4-Chlorotoluene	1	30.1	30.1	U	30.1	U	ug/Kg
71-43-2	Benzene	1	12	12	U	12	U	ug/Kg
108-86-1	Bromobenzene	1	30.1	30.1	U	30.1	U	ug/Kg
74-97-5	Bromochloromethane	1	30.1	30.1	U	30.1	U	ug/Kg
75-27-4	Bromodichloromethane	1	12	12	U	12	U	ug/Kg
75-25-2	Bromoform	1	30.1	30.1	U	30.1	U	ug/Kg
74-83-9	Bromomethane	1	30.1	30.1	U	30.1	U	ug/Kg
56-23-5	Carbon tetrachloride	1	30.1	30.1	U	30.1	U	ug/Kg
108-90-7	Chlorobenzene	1	12	12	U	12	U	ug/Kg
75-00-3	Chloroethane	1	30.1	30.1	U	30.1	U	ug/Kg
67-66-3	Chloroform	1	12	12	U	12	U	ug/Kg
74-87-3	Chloromethane	1	30.1	30.1	U	30.1	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	12	12	U	12	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1	12	12	U	12	U	ug/Kg
124-48-1	Dibromochloromethane	1	12	12	U	12	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Location ID: **NA**Lab Sample ID: **440-94483-4**Sample Type: **Site Sample**Method: **SW8260B**Sample Matrix : **Soil**Sample Date: **11/26/2014 15:50**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 13:22**% Solids: **84.8**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	12	12	U	12	U	ug/Kg
75-71-8	Dichlorodifluoromethane	1	30.1	30.1	U	30.1	U	ug/Kg
100-41-4	Ethylbenzene	1	12	12	U	12	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1	30.1	30.1	U	30.1	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	30.1	30.1	U	30.1	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1	30.1	30.1	U	30.1	U	ug/Kg
98-82-8	Isopropylbenzene	1	12	12	U	12	U	ug/Kg
179601-23-1	m,p-Xylene	1	24.1	24.1	U	24.1	U	ug/Kg
75-09-2	Methylene Chloride	1	120	1280		1280		ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	30.1	30.1	U	30.1	U	ug/Kg
91-20-3	Naphthalene	1	30.1	30.1	U	30.1	U	ug/Kg
104-51-8	n-Butylbenzene	1	30.1	30.1	U	30.1	U	ug/Kg
103-65-1	N-Propylbenzene	1	12	12	U	12	U	ug/Kg
95-47-6	o-Xylene	1	12	12	U	12	U	ug/Kg
99-87-6	p-Isopropyltoluene	1	12	12	U	12	U	ug/Kg
135-98-8	sec-Butylbenzene	1	30.1	30.1	U	30.1	U	ug/Kg
100-42-5	Styrene	1	12	12	U	12	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1	30.1	30.1	U	30.1	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1	602	602	U	602	U	ug/Kg
98-06-6	tert-Butylbenzene	1	30.1	30.1	U	30.1	U	ug/Kg
127-18-4	Tetrachloroethene	1	12	12	U	12	U	ug/Kg
108-88-3	Toluene	1	12	12	U	12	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1	12	12	U	12	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1	12	12	U	12	U	ug/Kg
79-01-6	Trichloroethene	1	12	12	U	12	U	ug/Kg
75-69-4	Trichlorofluoromethane	1	30.1	30.1	U	30.1	U	ug/Kg
75-01-4	Vinyl chloride	1	30.1	30.1	U	30.1	U	ug/Kg
1330-20-7	Xylenes, Total	1	24.1	24.1	U	24.1	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SD005**
**Location ID: NA**
**Lab Sample ID: 440-94483-5**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 16:35**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 0:54**
**% Solids: 72.9**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	33	33	U	33	UJ	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	13.2	13.2	U	13.2	UJ	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1	13.2	13.2	U	13.2	UJ	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	13.2	13.2	U	13.2	UJ	ug/Kg
75-34-3	1,1-Dichloroethane	1	13.2	13.2	U	13.2	UJ	ug/Kg
75-35-4	1,1-Dichloroethene	1	33	33	U	33	UJ	ug/Kg
563-58-6	1,1-Dichloropropene	1	13.2	13.2	U	13.2	UJ	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1	33	33	U	33	UJ	ug/Kg
96-18-4	1,2,3-Trichloropropane	1	66	66	U	66	UJ	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1	33	33	U	33	UJ	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	33	33	U	33	UJ	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1	13.2	13.2	U	13.2	UJ	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
107-06-2	1,2-Dichloroethane	1	13.2	13.2	U	13.2	UJ	ug/Kg
78-87-5	1,2-Dichloropropane	1	13.2	13.2	U	13.2	UJ	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
142-28-9	1,3-Dichloropropane	1	13.2	13.2	U	13.2	UJ	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
594-20-7	2,2-Dichloropropane	1	13.2	13.2	U	13.2	UJ	ug/Kg
95-49-8	2-Chlorotoluene	1	33	33	U	33	UJ	ug/Kg
106-43-4	4-Chlorotoluene	1	33	33	U	33	UJ	ug/Kg
71-43-2	Benzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
108-86-1	Bromobenzene	1	33	33	U	33	UJ	ug/Kg
74-97-5	Bromochloromethane	1	33	33	U	33	UJ	ug/Kg
75-27-4	Bromodichloromethane	1	13.2	13.2	U	13.2	UJ	ug/Kg
75-25-2	Bromoform	1	33	33	U	33	UJ	ug/Kg
74-83-9	Bromomethane	1	33	33	U	33	UJ	ug/Kg
56-23-5	Carbon tetrachloride	1	33	33	U	33	UJ	ug/Kg
108-90-7	Chlorobenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
75-00-3	Chloroethane	1	33	33	U	33	UJ	ug/Kg
67-66-3	Chloroform	1	13.2	13.2	U	13.2	UJ	ug/Kg
74-87-3	Chloromethane	1	33	33	U	33	UJ	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	13.2	13.2	U	13.2	UJ	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1	13.2	13.2	U	13.2	UJ	ug/Kg
124-48-1	Dibromochloromethane	1	13.2	13.2	U	13.2	UJ	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: <b>SACA1126SD005</b>		Sample Matrix : Soil				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/26/2014 16:35</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94483-5</b>		Analysis Date: <b>12/03/2014 0:54</b>				% Solids: <b>72.9</b>		
Sample Type: <b>Site Sample</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	13.2	13.2	U	13.2	UJ	ug/Kg
75-71-8	Dichlorodifluoromethane	1	33	33	U	33	UJ	ug/Kg
100-41-4	Ethylbenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1	33	33	U	33	UJ	ug/Kg
87-68-3	Hexachlorobutadiene	1	33	33	U	33	UJ	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1	33	33	U	33	UJ	ug/Kg
98-82-8	Isopropylbenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
179601-23-1	m,p-Xylene	1	26.4	26.4	U	26.4	UJ	ug/Kg
75-09-2	Methylene Chloride	1	132	132	U	132	UJ	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	33	33	U	33	UJ	ug/Kg
91-20-3	Naphthalene	1	33	33	U	33	UJ	ug/Kg
104-51-8	n-Butylbenzene	1	33	33	U	33	UJ	ug/Kg
103-65-1	N-Propylbenzene	1	13.2	13.2	U	13.2	UJ	ug/Kg
95-47-6	o-Xylene	1	13.2	13.2	U	13.2	UJ	ug/Kg
99-87-6	p-Isopropyltoluene	1	13.2	13.2	U	13.2	UJ	ug/Kg
135-98-8	sec-Butylbenzene	1	33	33	U	33	UJ	ug/Kg
100-42-5	Styrene	1	13.2	13.2	U	13.2	UJ	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1	33	33	U	33	UJ	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1	660	660	U	660	UJ	ug/Kg
98-06-6	tert-Butylbenzene	1	33	33	U	33	UJ	ug/Kg
127-18-4	Tetrachloroethene	1	13.2	13.2	U	13.2	UJ	ug/Kg
108-88-3	Toluene	1	13.2	13.2	U	13.2	UJ	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1	13.2	13.2	U	13.2	UJ	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1	13.2	13.2	U	13.2	UJ	ug/Kg
79-01-6	Trichloroethene	1	13.2	13.2	U	13.2	UJ	ug/Kg
75-69-4	Trichlorofluoromethane	1	33	33	U	33	UJ	ug/Kg
75-01-4	Vinyl chloride	1	33	33	U	33	UJ	ug/Kg
1330-20-7	Xylenes, Total	1	26.4	26.4	U	26.4	UJ	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SC005**
**Location ID: NA**
**Lab Sample ID: 440-94483-6**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 16:35**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 1:23**
**% Solids: 70.4**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	14.1	14.1	U	14.1	UJ	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	5.64	5.64	U	5.64	UJ	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1	5.64	5.64	U	5.64	UJ	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	5.64	5.64	U	5.64	UJ	ug/Kg
75-34-3	1,1-Dichloroethane	1	5.64	5.64	U	5.64	UJ	ug/Kg
75-35-4	1,1-Dichloroethene	1	14.1	14.1	U	14.1	UJ	ug/Kg
563-58-6	1,1-Dichloropropene	1	5.64	5.64	U	5.64	UJ	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1	14.1	14.1	U	14.1	UJ	ug/Kg
96-18-4	1,2,3-Trichloropropane	1	28.2	28.2	U	28.2	UJ	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1	14.1	14.1	U	14.1	UJ	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	14.1	14.1	U	14.1	UJ	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1	5.64	5.64	U	5.64	UJ	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
107-06-2	1,2-Dichloroethane	1	5.64	5.64	U	5.64	UJ	ug/Kg
78-87-5	1,2-Dichloropropane	1	5.64	5.64	U	5.64	UJ	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
142-28-9	1,3-Dichloropropane	1	5.64	5.64	U	5.64	UJ	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
594-20-7	2,2-Dichloropropane	1	5.64	5.64	U	5.64	UJ	ug/Kg
95-49-8	2-Chlorotoluene	1	14.1	14.1	U	14.1	UJ	ug/Kg
106-43-4	4-Chlorotoluene	1	14.1	14.1	U	14.1	UJ	ug/Kg
71-43-2	Benzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
108-86-1	Bromobenzene	1	14.1	14.1	U	14.1	UJ	ug/Kg
74-97-5	Bromochloromethane	1	14.1	14.1	U	14.1	UJ	ug/Kg
75-27-4	Bromodichloromethane	1	5.64	5.64	U	5.64	UJ	ug/Kg
75-25-2	Bromoform	1	14.1	14.1	U	14.1	UJ	ug/Kg
74-83-9	Bromomethane	1	14.1	14.1	U	14.1	UJ	ug/Kg
56-23-5	Carbon tetrachloride	1	14.1	14.1	U	14.1	UJ	ug/Kg
108-90-7	Chlorobenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
75-00-3	Chloroethane	1	14.1	14.1	U	14.1	UJ	ug/Kg
67-66-3	Chloroform	1	5.64	5.64	U	5.64	UJ	ug/Kg
74-87-3	Chloromethane	1	14.1	14.1	U	14.1	UJ	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	5.64	5.64	U	5.64	UJ	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1	5.64	5.64	U	5.64	UJ	ug/Kg
124-48-1	Dibromochloromethane	1	5.64	5.64	U	5.64	UJ	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: <b>SACA1126SC005</b>		Sample Matrix : Soil				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/26/2014 16:35				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94483-6</b>		Analysis Date: 12/03/2014 1:23				% Solids: <b>70.4</b>		
Sample Type: <b>Site Sample</b>								
Method: <b>SW8260B</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	5.64	5.64	U	5.64	UJ	ug/Kg
75-71-8	Dichlorodifluoromethane	1	14.1	14.1	U	14.1	UJ	ug/Kg
100-41-4	Ethylbenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1	14.1	14.1	U	14.1	UJ	ug/Kg
87-68-3	Hexachlorobutadiene	1	14.1	14.1	U	14.1	UJ	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1	14.1	14.1	U	14.1	UJ	ug/Kg
98-82-8	Isopropylbenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
179601-23-1	m,p-Xylene	1	11.3	11.3	U	11.3	UJ	ug/Kg
75-09-2	Methylene Chloride	1	56.4	56.4	U	56.4	UJ	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	14.1	14.1	U	14.1	UJ	ug/Kg
91-20-3	Naphthalene	1	14.1	14.1	U	14.1	UJ	ug/Kg
104-51-8	n-Butylbenzene	1	14.1	14.1	U	14.1	UJ	ug/Kg
103-65-1	N-Propylbenzene	1	5.64	5.64	U	5.64	UJ	ug/Kg
95-47-6	o-Xylene	1	5.64	5.64	U	5.64	UJ	ug/Kg
99-87-6	p-Isopropyltoluene	1	5.64	5.64	U	5.64	UJ	ug/Kg
135-98-8	sec-Butylbenzene	1	14.1	14.1	U	14.1	UJ	ug/Kg
100-42-5	Styrene	1	5.64	5.64	U	5.64	UJ	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1	14.1	14.1	U	14.1	UJ	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1	282	282	U	282	UJ	ug/Kg
98-06-6	tert-Butylbenzene	1	14.1	14.1	U	14.1	UJ	ug/Kg
127-18-4	Tetrachloroethene	1	5.64	5.64	U	5.64	UJ	ug/Kg
108-88-3	Toluene	1	5.64	5.64	U	5.64	UJ	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1	5.64	5.64	U	5.64	UJ	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1	5.64	5.64	U	5.64	UJ	ug/Kg
79-01-6	Trichloroethene	1	5.64	5.64	U	5.64	UJ	ug/Kg
75-69-4	Trichlorofluoromethane	1	14.1	14.1	U	14.1	UJ	ug/Kg
75-01-4	Vinyl chloride	1	14.1	14.1	U	14.1	UJ	ug/Kg
1330-20-7	Xylenes, Total	1	11.3	11.3	U	11.3	UJ	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1123TB007**Location ID: **NA**Lab Sample ID: **440-94483-7**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 10:07**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5	5	U	5	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2	2	U	2	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2	2	U	2	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2	2	U	2	U	ug/L
75-34-3	1,1-Dichloroethane	1	2	2	U	2	U	ug/L
75-35-4	1,1-Dichloroethene	1	5	5	U	5	U	ug/L
563-58-6	1,1-Dichloropropene	1	2	2	U	2	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5	5	U	5	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10	10	U	10	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5	5	U	5	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2	2	U	2	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5	5	U	5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2	2	U	2	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2	2	U	2	U	ug/L
107-06-2	1,2-Dichloroethane	1	2	2	U	2	U	ug/L
78-87-5	1,2-Dichloropropane	1	2	2	U	2	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2	2	U	2	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2	2	U	2	U	ug/L
142-28-9	1,3-Dichloropropane	1	2	2	U	2	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2	2	U	2	U	ug/L
594-20-7	2,2-Dichloropropane	1	2	2	U	2	U	ug/L
95-49-8	2-Chlorotoluene	1	5	5	U	5	U	ug/L
106-43-4	4-Chlorotoluene	1	5	5	U	5	U	ug/L
71-43-2	Benzene	1	2	2	U	2	U	ug/L
108-86-1	Bromobenzene	1	5	5	U	5	U	ug/L
74-97-5	Bromochloromethane	1	5	5	U	5	U	ug/L
75-27-4	Bromodichloromethane	1	2	2	U	2	U	ug/L
75-25-2	Bromoform	1	5	5	U	5	U	ug/L
74-83-9	Bromomethane	1	5	5	U	5	U	ug/L
56-23-5	Carbon tetrachloride	1	5	5	U	5	U	ug/L
108-90-7	Chlorobenzene	1	2	2	U	2	U	ug/L
75-00-3	Chloroethane	1	5	5	U	5	U	ug/L
67-66-3	Chloroform	1	2	2	U	2	U	ug/L
74-87-3	Chloromethane	1	5	5	U	5	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2	2	U	2	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2	2	U	2	U	ug/L
124-48-1	Dibromochloromethane	1	2	2	U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1123TB007**Location ID: **NA**Lab Sample ID: **440-94483-7**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **11/23/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 10:07**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	2	U	2	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	5	U	5	U	ug/L
100-41-4	Ethylbenzene	1	2	2	U	2	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	5	U	5	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	5	U	5	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	5	U	5	U	ug/L
98-82-8	Isopropylbenzene	1	2	2	U	2	U	ug/L
179601-23-1	m,p-Xylene	1	2	2	U	2	U	ug/L
75-09-2	Methylene Chloride	1	5	5	U	5	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	1	U	1	U	ug/L
91-20-3	Naphthalene	1	5	5	U	5	U	ug/L
104-51-8	n-Butylbenzene	1	5	5	U	5	U	ug/L
103-65-1	N-Propylbenzene	1	2	2	U	2	U	ug/L
95-47-6	o-Xylene	1	2	2	U	2	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	2	U	2	U	ug/L
135-98-8	sec-Butylbenzene	1	5	5	U	5	U	ug/L
100-42-5	Styrene	1	2	2	U	2	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	5	U	5	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	10	U	10	U	ug/L
98-06-6	tert-Butylbenzene	1	5	5	U	5	U	ug/L
127-18-4	Tetrachloroethene	1	2	2	U	2	U	ug/L
108-88-3	Toluene	1	2	2	U	2	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	2	U	2	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	2	U	2	U	ug/L
79-01-6	Trichloroethene	1	2	2	U	2	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	5	U	5	U	ug/L
75-01-4	Vinyl chloride	1	5	5	U	5	U	ug/L
1330-20-7	Xylenes, Total	1	2	2	U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT009**Location ID: **NA**Lab Sample ID: **440-94483-9**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **11/26/2014 15:20**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 13:48**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	23.6	23.6	U	23.6	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-34-3	1,1-Dichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-35-4	1,1-Dichloroethene	1	23.6	23.6	U	23.6	U	ug/Kg
563-58-6	1,1-Dichloropropene	1	9.43	9.43	U	9.43	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1	23.6	23.6	U	23.6	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	1	47.2	47.2	U	47.2	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1	23.6	23.6	U	23.6	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1	23.6	23.6	U	23.6	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1	9.43	9.43	U	9.43	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
107-06-2	1,2-Dichloroethane	1	9.43	9.43	U	9.43	U	ug/Kg
78-87-5	1,2-Dichloropropane	1	9.43	9.43	U	9.43	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
142-28-9	1,3-Dichloropropane	1	9.43	9.43	U	9.43	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
594-20-7	2,2-Dichloropropane	1	9.43	9.43	U	9.43	U	ug/Kg
95-49-8	2-Chlorotoluene	1	23.6	23.6	U	23.6	U	ug/Kg
106-43-4	4-Chlorotoluene	1	23.6	23.6	U	23.6	U	ug/Kg
71-43-2	Benzene	1	9.43	9.43	U	9.43	U	ug/Kg
108-86-1	Bromobenzene	1	23.6	23.6	U	23.6	U	ug/Kg
74-97-5	Bromochloromethane	1	23.6	23.6	U	23.6	U	ug/Kg
75-27-4	Bromodichloromethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-25-2	Bromoform	1	23.6	23.6	U	23.6	U	ug/Kg
74-83-9	Bromomethane	1	23.6	23.6	U	23.6	U	ug/Kg
56-23-5	Carbon tetrachloride	1	23.6	23.6	U	23.6	U	ug/Kg
108-90-7	Chlorobenzene	1	9.43	9.43	U	9.43	U	ug/Kg
75-00-3	Chloroethane	1	23.6	23.6	U	23.6	U	ug/Kg
67-66-3	Chloroform	1	9.43	9.43	U	9.43	U	ug/Kg
74-87-3	Chloromethane	1	23.6	23.6	U	23.6	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1	9.43	9.43	U	9.43	U	ug/Kg
124-48-1	Dibromochloromethane	1	9.43	9.43	U	9.43	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

ENVIRONMENTAL DATA  
PROFESSIONAL, LLC

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT009**Location ID: **NA**Lab Sample ID: **440-94483-9**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **11/26/2014 15:20**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/02/2014 13:48**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	9.43	9.43	U	9.43	U	ug/Kg
75-71-8	Dichlorodifluoromethane	1	23.6	23.6	U *	23.6	U	ug/Kg
100-41-4	Ethylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1	23.6	23.6	U	23.6	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	23.6	23.6	U	23.6	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1	23.6	23.6	U	23.6	U	ug/Kg
98-82-8	Isopropylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
179601-23-1	m,p-Xylene	1	9.43	9.43	U	9.43	U	ug/Kg
75-09-2	Methylene Chloride	1	94.3	94.3	U	94.3	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	23.6	23.6	U	23.6	U	ug/Kg
91-20-3	Naphthalene	1	23.6	23.6	U	23.6	U	ug/Kg
104-51-8	n-Butylbenzene	1	23.6	23.6	U	23.6	U	ug/Kg
103-65-1	N-Propylbenzene	1	9.43	9.43	U	9.43	U	ug/Kg
95-47-6	o-Xylene	1	9.43	9.43	U	9.43	U	ug/Kg
99-87-6	p-Isopropyltoluene	1	9.43	9.43	U	9.43	U	ug/Kg
135-98-8	sec-Butylbenzene	1	23.6	23.6	U	23.6	U	ug/Kg
100-42-5	Styrene	1	9.43	9.43	U	9.43	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1	23.6	23.6	U	23.6	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1	472	472	U	472	U	ug/Kg
98-06-6	tert-Butylbenzene	1	23.6	23.6	U	23.6	U	ug/Kg
127-18-4	Tetrachloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
108-88-3	Toluene	1	9.43	9.43	U	9.43	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1	9.43	9.43	U	9.43	U	ug/Kg
79-01-6	Trichloroethene	1	9.43	9.43	U	9.43	U	ug/Kg
75-69-4	Trichlorofluoromethane	1	23.6	23.6	U	23.6	U	ug/Kg
75-01-4	Vinyl chloride	1	23.6	23.6	U	23.6	U	ug/Kg
1330-20-7	Xylenes, Total	1	18.9	18.9	U	18.9	U	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT011**
**Location ID: NA**
**Lab Sample ID: 440-94483-11DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Water**
**Sample Date: 11/26/2014 15:40**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/04/2014 12:05**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	4	58.4	58.4	U	58.4	UJ	ug/L
95-50-1	1,2-Dichlorobenzene	4	58.4	58.4	U	58.4	UJ	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	4	117	117	U	117	UJ	ug/L
541-73-1	1,3-Dichlorobenzene	4	58.4	58.4	U	58.4	U	ug/L
106-46-7	1,4-Dichlorobenzene	4	58.4	58.4	U	58.4	U	ug/L
95-95-4	2,4,5-Trichlorophenol	4	117	117	U	117	UJ	ug/L
88-06-2	2,4,6-Trichlorophenol	4	117	117	U	117	UJ	ug/L
120-83-2	2,4-Dichlorophenol	4	58.4	58.4	U	58.4	UJ	ug/L
105-67-9	2,4-Dimethylphenol	4	117	117	U	117	UJ	ug/L
51-28-5	2,4-Dinitrophenol	4	234	234	U	234	UJ	ug/L
121-14-2	2,4-Dinitrotoluene	4	58.4	58.4	U	58.4	UJ	ug/L
606-20-2	2,6-Dinitrotoluene	4	58.4	58.4	U	58.4	UJ	ug/L
91-58-7	2-Chloronaphthalene	4	58.4	58.4	U	58.4	UJ	ug/L
95-57-8	2-Chlorophenol	4	58.4	58.4	U	58.4	UJ	ug/L
91-57-6	2-Methylnaphthalene	4	58.4	58.4	U	58.4	UJ	ug/L
95-48-7	2-Methylphenol	4	58.4	58.4	U	58.4	UJ	ug/L
88-74-4	2-Nitroaniline	4	117	117	U	117	UJ	ug/L
88-75-5	2-Nitrophenol	4	58.4	58.4	U	58.4	UJ	ug/L
91-94-1	3,3'-Dichlorobenzidine	4	117	117	U	117	UJ	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	4	58.4	58.4	U	58.4	UJ	ug/L
99-09-2	3-Nitroaniline	4	117	117	U	117	UJ	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4	117	117	U	117	UJ	ug/L
101-55-3	4-Bromophenyl phenyl ether	4	58.4	58.4	U	58.4	UJ	ug/L
59-50-7	4-Chloro-3-methylphenol	4	117	117	U	117	UJ	ug/L
106-47-8	4-Chloroaniline	4	58.4	58.4	U	58.4	UJ	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	4	58.4	58.4	U	58.4	UJ	ug/L
100-01-6	4-Nitroaniline	4	117	117	U	117	UJ	ug/L
100-02-7	4-Nitrophenol	4	117	117	U	117	UJ	ug/L
83-32-9	Acenaphthene	4	58.4	58.4	U	58.4	UJ	ug/L
208-96-8	Acenaphthylene	4	58.4	58.4	U	58.4	UJ	ug/L
62-53-3	Aniline	4	58.4	58.4	U	58.4	UJ	ug/L
120-12-7	Anthracene	4	58.4	58.4	U	58.4	UJ	ug/L
92-87-5	Benzidine	4	234	234	U	234	UJ	ug/L
56-55-3	Benzo[a]anthracene	4	58.4	58.4	U	58.4	UJ	ug/L
50-32-8	Benzo[a]pyrene	4	58.4	58.4	U	58.4	UJ	ug/L
205-99-2	Benzo[b]fluoranthene	4	58.4	58.4	U	58.4	U	ug/L
191-24-2	Benzo[g,h,i]perylene	4	58.4	58.4	U	58.4	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT011**Location ID: **NA**Lab Sample ID: **440-94483-11DL**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **11/26/2014 15:40**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/04/2014 12:05**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	4	58.4	58.4	U	58.4	UJ	ug/L
65-85-0	Benzoic acid	4	117	117	U	117	U	ug/L
100-51-6	Benzyl alcohol	4	117	117	U	117	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	4	58.4	58.4	U	58.4	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	4	58.4	58.4	U	58.4	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	4	58.4	58.4	U	58.4	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	4	117	117	U	117	UJ	ug/L
85-68-7	Butyl benzyl phthalate	4	117	117	U	117	U	ug/L
218-01-9	Chrysene	4	58.4	58.4	U	58.4	UJ	ug/L
53-70-3	Dibenz(a,h)anthracene	4	117	117	U	117	UJ	ug/L
132-64-9	Dibenzofuran	4	58.4	58.4	U	58.4	UJ	ug/L
84-66-2	Diethyl phthalate	4	58.4	58.4	U	58.4	U	ug/L
131-11-3	Dimethyl phthalate	4	58.4	58.4	U	58.4	U	ug/L
84-74-2	Di-n-butyl phthalate	4	117	117	U	117	U	ug/L
117-84-0	Di-n-octyl phthalate	4	117	117	U	117	UJ	ug/L
206-44-0	Fluoranthene	4	58.4	58.4	U	58.4	UJ	ug/L
86-73-7	Fluorene	4	58.4	58.4	U	58.4	UJ	ug/L
118-74-1	Hexachlorobenzene	4	58.4	58.4	U	58.4	UJ	ug/L
87-68-3	Hexachlorobutadiene	4	58.4	58.4	U	58.4	UJ	ug/L
77-47-4	Hexachlorocyclopentadiene	4	117	117	U	117	U	ug/L
67-72-1	Hexachloroethane	4	58.4	58.4	U	58.4	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	4	117	117	U	117	UJ	ug/L
78-59-1	Isophorone	4	58.4	58.4	U	58.4	UJ	ug/L
91-20-3	Naphthalene	4	58.4	58.4	U	58.4	UJ	ug/L
98-95-3	Nitrobenzene	4	117	117	U	117	U	ug/L
62-75-9	N-Nitrosodimethylamine	4	117	117	U	117	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	4	58.4	58.4	U	58.4	U	ug/L
86-30-6	N-Nitrosodiphenylamine	4	58.4	58.4	U	58.4	UJ	ug/L
87-86-5	Pentachlorophenol	4	117	117	U	117	UJ	ug/L
85-01-8	Phenanthrene	4	58.4	58.4	U	58.4	UJ	ug/L
108-95-2	Phenol	4	58.4	58.4	U	58.4	UJ	ug/L
129-00-0	Pyrene	4	58.4	58.4	U	58.4	UJ	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT012**
**Location ID: NA**
**Lab Sample ID: 440-94483-14DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Oil**
**Sample Date: 11/26/2014 15:55**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 18:06**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	20	467	467	U	467	U	mg/Kg
95-50-1	1,2-Dichlorobenzene	20	467	467	U	467	U	mg/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	20	935	935	U	935	U	mg/Kg
541-73-1	1,3-Dichlorobenzene	20	467	467	U	467	U	mg/Kg
106-46-7	1,4-Dichlorobenzene	20	467	467	U	467	U	mg/Kg
95-95-4	2,4,5-Trichlorophenol	20	467	467	U *	467	U	mg/Kg *
88-06-2	2,4,6-Trichlorophenol	20	935	935	U *	935	U	mg/Kg *
120-83-2	2,4-Dichlorophenol	20	467	467	U *	467	U	mg/Kg *
105-67-9	2,4-Dimethylphenol	20	935	935	U *	935	U	mg/Kg *
51-28-5	2,4-Dinitrophenol	20	4670	4670	U	4670	U	mg/Kg
121-14-2	2,4-Dinitrotoluene	20	467	467	U	467	U	mg/Kg
606-20-2	2,6-Dinitrotoluene	20	467	467	U	467	U	mg/Kg
91-58-7	2-Chloronaphthalene	20	467	467	U	467	U	mg/Kg
95-57-8	2-Chlorophenol	20	467	467	U *	467	U	mg/Kg *
91-57-6	2-Methylnaphthalene	20	467	467	U	467	U	mg/Kg
95-48-7	2-Methylphenol	20	467	467	U	467	U	mg/Kg
88-74-4	2-Nitroaniline	20	467	467	U	467	U	mg/Kg
88-75-5	2-Nitrophenol	20	467	467	U	467	U	mg/Kg
91-94-1	3,3'-Dichlorobenzidine	20	1870	1870	U	1870	U	mg/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	20	467	467	U *	467	U	mg/Kg *
99-09-2	3-Nitroaniline	20	467	467	U	467	U	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	1870	1870	U	1870	U	mg/Kg
101-55-3	4-Bromophenyl phenyl ether	20	467	467	U *	467	U	mg/Kg *
59-50-7	4-Chloro-3-methylphenol	20	935	935	U	935	U	mg/Kg
106-47-8	4-Chloroaniline	20	467	467	U	467	U	mg/Kg
7005-72-3	4-Chlorophenyl phenyl ether	20	467	467	U	467	U	mg/Kg
100-01-6	4-Nitroaniline	20	1210	1210	U	1210	U	mg/Kg
100-02-7	4-Nitrophenol	20	4670	4670	U	4670	U	mg/Kg
83-32-9	Acenaphthene	20	467	467	U	467	U	mg/Kg
208-96-8	Acenaphthylene	20	467	467	U	467	U	mg/Kg
62-53-3	Aniline	20	654	654	U	654	U	mg/Kg
120-12-7	Anthracene	20	467	467	U	467	U	mg/Kg
92-87-5	Benzidine	20	935	935	U	935	U	mg/Kg
56-55-3	Benzo[a]anthracene	20	467	467	U	467	U	mg/Kg
50-32-8	Benzo[a]pyrene	20	467	467	U	467	U	mg/Kg
205-99-2	Benzo[b]fluoranthene	20	467	467	U	467	U	mg/Kg
191-24-2	Benzo[g,h,i]perylene	20	467	467	U	467	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT012**
**Location ID: NA**
**Lab Sample ID: 440-94483-14DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Oil**
**Sample Date: 11/26/2014 15:55**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 18:06**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	20	467	467	U	467	U	mg/Kg
65-85-0	Benzoic acid	20	4670	4670	U	4670	U	mg/Kg
100-51-6	Benzyl alcohol	20	935	935	U	935	U	mg/Kg
108-60-1	bis (2-chloroisopropyl) ether	20	467	467	U *	467	U	mg/Kg
111-91-1	Bis(2-chloroethoxy)methane	20	467	467	U	467	U	mg/Kg
111-44-4	Bis(2-chloroethyl)ether	20	467	467	U	467	U	mg/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	20	2340	2340	U	2340	U	mg/Kg
85-68-7	Butyl benzyl phthalate	20	935	935	U	935	U	mg/Kg
218-01-9	Chrysene	20	467	467	U	467	U	mg/Kg
53-70-3	Dibenz(a,h)anthracene	20	935	935	U	935	U	mg/Kg
132-64-9	Dibenzofuran	20	467	467	U	467	U	mg/Kg
84-66-2	Diethyl phthalate	20	467	467	U	467	U	mg/Kg
131-11-3	Dimethyl phthalate	20	467	467	U	467	U	mg/Kg
84-74-2	Di-n-butyl phthalate	20	935	935	U	935	U	mg/Kg
117-84-0	Di-n-octyl phthalate	20	1870	1870	U	1870	U	mg/Kg
206-44-0	Fluoranthene	20	467	467	U	467	U	mg/Kg
86-73-7	Fluorene	20	467	467	U	467	U	mg/Kg
118-74-1	Hexachlorobenzene	20	467	467	U	467	U	mg/Kg
87-68-3	Hexachlorobutadiene	20	467	467	U	467	U	mg/Kg
77-47-4	Hexachlorocyclopentadiene	20	1870	1870	U	1870	U	mg/Kg
67-72-1	Hexachloroethane	20	467	467	U	467	U	mg/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	20	935	935	U	935	U	mg/Kg
78-59-1	Isophorone	20	467	467	U *	467	U	mg/Kg
91-20-3	Naphthalene	20	467	467	U	467	U	mg/Kg
98-95-3	Nitrobenzene	20	1870	1870	U *	1870	U	mg/Kg
62-75-9	N-Nitrosodimethylamine	20	467	467	U	467	U	mg/Kg
621-64-7	N-Nitrosodi-n-propylamine	20	467	467	U	467	U	mg/Kg
86-30-6	N-Nitrosodiphenylamine	20	467	467	U	467	U	mg/Kg
87-86-5	Pentachlorophenol	20	1870	1870	U	1870	U	mg/Kg
85-01-8	Phenanthrene	20	467	467	U	467	U	mg/Kg
108-95-2	Phenol	20	467	467	U *	467	U	mg/Kg
129-00-0	Pyrene	20	467	467	U	467	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**

COC Sample ID: <b>SACA1126TT013</b>		Sample Matrix : Oil				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/26/2014 16:00</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94483-15DL</b>		Analysis Date: <b>12/03/2014 18:29</b>						
Sample Type: <b>Site Sample</b>								
<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	20	486	486	U	486	U	mg/Kg
95-50-1	1,2-Dichlorobenzene	20	486	486	U	486	U	mg/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	20	971	971	U	971	U	mg/Kg
541-73-1	1,3-Dichlorobenzene	20	486	486	U	486	U	mg/Kg
106-46-7	1,4-Dichlorobenzene	20	486	486	U	486	U	mg/Kg
95-95-4	2,4,5-Trichlorophenol	20	486	486	U *	486	U	mg/Kg
88-06-2	2,4,6-Trichlorophenol	20	971	971	U *	971	U	mg/Kg
120-83-2	2,4-Dichlorophenol	20	486	486	U *	486	U	mg/Kg
105-67-9	2,4-Dimethylphenol	20	971	971	U *	971	U	mg/Kg
51-28-5	2,4-Dinitrophenol	20	4860	4860	U	4860	U	mg/Kg
121-14-2	2,4-Dinitrotoluene	20	486	486	U	486	U	mg/Kg
606-20-2	2,6-Dinitrotoluene	20	486	486	U	486	U	mg/Kg
91-58-7	2-Chloronaphthalene	20	486	486	U	486	U	mg/Kg
95-57-8	2-Chlorophenol	20	486	486	U *	486	U	mg/Kg
91-57-6	2-Methylnaphthalene	20	486	486	U	486	U	mg/Kg
95-48-7	2-Methylphenol	20	486	486	U	486	U	mg/Kg
88-74-4	2-Nitroaniline	20	486	486	U	486	U	mg/Kg
88-75-5	2-Nitrophenol	20	486	486	U	486	U	mg/Kg
91-94-1	3,3'-Dichlorobenzidine	20	1940	1940	U	1940	U	mg/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	20	486	486	U *	486	U	mg/Kg
99-09-2	3-Nitroaniline	20	486	486	U	486	U	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	1940	1940	U	1940	U	mg/Kg
101-55-3	4-Bromophenyl phenyl ether	20	486	486	U *	486	U	mg/Kg
59-50-7	4-Chloro-3-methylphenol	20	971	971	U	971	U	mg/Kg
106-47-8	4-Chloroaniline	20	486	486	U	486	U	mg/Kg
7005-72-3	4-Chlorophenyl phenyl ether	20	486	486	U	486	U	mg/Kg
100-01-6	4-Nitroaniline	20	1260	1260	U	1260	U	mg/Kg
100-02-7	4-Nitrophenol	20	4860	4860	U	4860	U	mg/Kg
83-32-9	Acenaphthene	20	486	486	U	486	U	mg/Kg
208-96-8	Acenaphthylene	20	486	486	U	486	U	mg/Kg
62-53-3	Aniline	20	680	680	U	680	U	mg/Kg
120-12-7	Anthracene	20	486	486	U	486	U	mg/Kg
92-87-5	Benzidine	20	971	971	U	971	U	mg/Kg
56-55-3	Benzo[a]anthracene	20	486	486	U	486	U	mg/Kg
50-32-8	Benzo[a]pyrene	20	486	486	U	486	U	mg/Kg
205-99-2	Benzo[b]fluoranthene	20	486	486	U	486	U	mg/Kg
191-24-2	Benzo[g,h,i]perylene	20	486	486	U	486	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT013**
**Location ID: NA**
**Lab Sample ID: 440-94483-15DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Oil**
**Sample Date: 11/26/2014 16:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 18:29**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	20	486	486	U	486	U	mg/Kg
65-85-0	Benzoic acid	20	4860	4860	U	4860	U	mg/Kg
100-51-6	Benzyl alcohol	20	971	971	U	971	U	mg/Kg
108-60-1	bis (2-chloroisopropyl) ether	20	486	486	U *	486	U	mg/Kg
111-91-1	Bis(2-chloroethoxy)methane	20	486	486	U	486	U	mg/Kg
111-44-4	Bis(2-chloroethyl)ether	20	486	486	U	486	U	mg/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	20	2430	2430	U	2430	U	mg/Kg
85-68-7	Butyl benzyl phthalate	20	971	971	U	971	U	mg/Kg
218-01-9	Chrysene	20	486	486	U	486	U	mg/Kg
53-70-3	Dibenz(a,h)anthracene	20	971	971	U	971	U	mg/Kg
132-64-9	Dibenzofuran	20	486	486	U	486	U	mg/Kg
84-66-2	Diethyl phthalate	20	486	486	U	486	U	mg/Kg
131-11-3	Dimethyl phthalate	20	486	486	U	486	U	mg/Kg
84-74-2	Di-n-butyl phthalate	20	971	971	U	971	U	mg/Kg
117-84-0	Di-n-octyl phthalate	20	1940	1940	U	1940	U	mg/Kg
206-44-0	Fluoranthene	20	486	486	U	486	U	mg/Kg
86-73-7	Fluorene	20	486	486	U	486	U	mg/Kg
118-74-1	Hexachlorobenzene	20	486	486	U	486	U	mg/Kg
87-68-3	Hexachlorobutadiene	20	486	486	U	486	U	mg/Kg
77-47-4	Hexachlorocyclopentadiene	20	1940	1940	U	1940	U	mg/Kg
67-72-1	Hexachloroethane	20	486	486	U	486	U	mg/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	20	971	971	U	971	U	mg/Kg
78-59-1	Isophorone	20	486	486	U *	486	U	mg/Kg
91-20-3	Naphthalene	20	486	486	U	486	U	mg/Kg
98-95-3	Nitrobenzene	20	1940	1940	U *	1940	U	mg/Kg
62-75-9	N-Nitrosodimethylamine	20	486	486	U	486	U	mg/Kg
621-64-7	N-Nitrosodi-n-propylamine	20	486	486	U	486	U	mg/Kg
86-30-6	N-Nitrosodiphenylamine	20	486	486	U	486	U	mg/Kg
87-86-5	Pentachlorophenol	20	1940	1940	U	1940	U	mg/Kg
85-01-8	Phenanthrene	20	486	486	U	486	U	mg/Kg
108-95-2	Phenol	20	486	486	U *	486	U	mg/Kg
129-00-0	Pyrene	20	486	486	U	486	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT008**
**Location ID: NA**
**Lab Sample ID: 440-94483-18DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 15:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/05/2014 8:27**
**% Solids: 36.9**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	4	53700	53700	U	53700	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	4	53700	53700	U	53700	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	4	53700	53700	U	53700	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	4	53700	53700	U	53700	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	4	53700	53700	U	53700	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4	53700	53700	U	53700	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4	53700	53700	U	53700	U	ug/Kg
120-83-2	2,4-Dichlorophenol	4	53700	53700	U	53700	U	ug/Kg
105-67-9	2,4-Dimethylphenol	4	53700	53700	U	53700	U	ug/Kg
51-28-5	2,4-Dinitrophenol	4	107000	107000	U	107000	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	4	53700	53700	U	53700	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	4	53700	53700	U	53700	U	ug/Kg
91-58-7	2-Chloronaphthalene	4	53700	53700	U	53700	U	ug/Kg
95-57-8	2-Chlorophenol	4	53700	53700	U	53700	U	ug/Kg
91-57-6	2-Methylnaphthalene	4	53700	53700	U	53700	U	ug/Kg
95-48-7	2-Methylphenol	4	53700	53700	U	53700	U	ug/Kg
88-74-4	2-Nitroaniline	4	53700	53700	U	53700	U	ug/Kg
88-75-5	2-Nitrophenol	4	53700	53700	U	53700	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	4	135000	135000	U	135000	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	4	53700	53700	U	53700	U	ug/Kg
99-09-2	3-Nitroaniline	4	53700	53700	U	53700	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4	68300	68300	U	68300	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	4	53700	53700	U	53700	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4	53700	53700	U	53700	U	ug/Kg
106-47-8	4-Chloroaniline	4	53700	53700	U	53700	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	4	53700	53700	U	53700	U	ug/Kg
100-01-6	4-Nitroaniline	4	135000	135000	U	135000	U	ug/Kg
100-02-7	4-Nitrophenol	4	135000	135000	U	135000	U	ug/Kg
83-32-9	Acenaphthene	4	53700	53700	U	53700	U	ug/Kg
208-96-8	Acenaphthylene	4	53700	53700	U	53700	U	ug/Kg
62-53-3	Aniline	4	68300	68300	U	68300	U	ug/Kg
120-12-7	Anthracene	4	53700	53700	U	53700	U	ug/Kg
92-87-5	Benzidine	4	218000	218000	U	218000	U	ug/Kg
56-55-3	Benzo[a]anthracene	4	53700	53700	U	53700	U	ug/Kg
50-32-8	Benzo[a]pyrene	4	53700	53700	U	53700	U	ug/Kg
205-99-2	Benzo[b]fluoranthene	4	53700	53700	U	53700	U	ug/Kg
191-24-2	Benzo[g,h,i]perylene	4	53700	53700	U	53700	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT008**
**Location ID: NA**
**Lab Sample ID: 440-94483-18DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 15:00**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/05/2014 8:27**
**% Solids: 36.9**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	4	53700	53700	U	53700	U	ug/Kg
65-85-0	Benzoic acid	4	135000	942000		942000		ug/Kg
100-51-6	Benzyl alcohol	4	53700	53700	U	53700	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	4	53700	53700	U	53700	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	4	53700	53700	U	53700	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	4	53700	53700	U	53700	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	4	53700	53700	U	53700	U	ug/Kg
85-68-7	Butyl benzyl phthalate	4	53700	53700	U	53700	U	ug/Kg
218-01-9	Chrysene	4	53700	53700	U	53700	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	4	68300	68300	U	68300	U	ug/Kg
132-64-9	Dibenzofuran	4	53700	53700	U	53700	U	ug/Kg
84-66-2	Diethyl phthalate	4	53700	53700	U	53700	U	ug/Kg
131-11-3	Dimethyl phthalate	4	53700	53700	U	53700	U	ug/Kg
84-74-2	Di-n-butyl phthalate	4	53700	53700	U	53700	U	ug/Kg
117-84-0	Di-n-octyl phthalate	4	53700	53700	U	53700	U	ug/Kg
206-44-0	Fluoranthene	4	53700	53700	U	53700	U	ug/Kg
86-73-7	Fluorene	4	53700	53700	U	53700	U	ug/Kg
118-74-1	Hexachlorobenzene	4	53700	53700	U	53700	U	ug/Kg
87-68-3	Hexachlorobutadiene	4	53700	53700	U	53700	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4	135000	135000	U	135000	U	ug/Kg
67-72-1	Hexachloroethane	4	53700	53700	U	53700	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	4	53700	53700	U	53700	U	ug/Kg
78-59-1	Isophorone	4	53700	53700	U	53700	U	ug/Kg
91-20-3	Naphthalene	4	53700	53700	U	53700	U	ug/Kg
98-95-3	Nitrobenzene	4	53700	53700	U	53700	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	4	53700	53700	U	53700	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	4	40700	40700	U	40700	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4	53700	53700	U	53700	U	ug/Kg
87-86-5	Pentachlorophenol	4	135000	135000	U	135000	U	ug/Kg
85-01-8	Phenanthrene	4	53700	53700	U	53700	U	ug/Kg
108-95-2	Phenol	4	53700	53700	U	53700	U	ug/Kg
129-00-0	Pyrene	4	53700	53700	U	53700	U	ug/Kg

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\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SL003**
**Location ID: NA**
**Lab Sample ID: 440-94483-1DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Water**
**Sample Date: 11/26/2014 15:05**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/04/2014 14:53**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	10	146	146	U	146	U	ug/L
95-50-1	1,2-Dichlorobenzene	10	146	146	U	146	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	10	292	292	U	292	U	ug/L
541-73-1	1,3-Dichlorobenzene	10	146	146	U	146	U	ug/L
106-46-7	1,4-Dichlorobenzene	10	146	146	U	146	U	ug/L
95-95-4	2,4,5-Trichlorophenol	10	292	292	U	292	U	ug/L
88-06-2	2,4,6-Trichlorophenol	10	292	292	U	292	U	ug/L
120-83-2	2,4-Dichlorophenol	10	146	146	U	146	U	ug/L
105-67-9	2,4-Dimethylphenol	10	292	292	U	292	U	ug/L
51-28-5	2,4-Dinitrophenol	10	584	584	U	584	U	ug/L
121-14-2	2,4-Dinitrotoluene	10	146	146	U	146	U	ug/L
606-20-2	2,6-Dinitrotoluene	10	146	146	U	146	U	ug/L
91-58-7	2-Chloronaphthalene	10	146	146	U	146	U	ug/L
95-57-8	2-Chlorophenol	10	146	146	U	146	U	ug/L
91-57-6	2-Methylnaphthalene	10	146	146	U	146	U	ug/L
95-48-7	2-Methylphenol	10	146	146	U	146	U	ug/L
88-74-4	2-Nitroaniline	10	292	292	U	292	U	ug/L
88-75-5	2-Nitrophenol	10	146	146	U	146	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	10	292	292	U	292	U	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	10	146	146	U	146	U	ug/L
99-09-2	3-Nitroaniline	10	292	292	U	292	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	292	292	U	292	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	10	146	146	U	146	U	ug/L
59-50-7	4-Chloro-3-methylphenol	10	292	292	U	292	U	ug/L
106-47-8	4-Chloroaniline	10	146	146	U	146	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	10	146	146	U	146	U	ug/L
100-01-6	4-Nitroaniline	10	292	292	U	292	U	ug/L
100-02-7	4-Nitrophenol	10	292	292	U	292	U	ug/L
83-32-9	Acenaphthene	10	146	146	U	146	U	ug/L
208-96-8	Acenaphthylene	10	146	146	U	146	U	ug/L
62-53-3	Aniline	10	146	146	U	146	U	ug/L
120-12-7	Anthracene	10	146	146	U	146	U	ug/L
92-87-5	Benzidine	10	584	584	U	584	U	ug/L
56-55-3	Benzo[a]anthracene	10	146	146	U	146	U	ug/L
50-32-8	Benzo[a]pyrene	10	146	146	U	146	U	ug/L
205-99-2	Benzo[b]fluoranthene	10	146	146	U	146	U	ug/L
191-24-2	Benzo[g,h,i]perylene	10	146	146	U	146	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SL003**Location ID: **NA**Lab Sample ID: **440-94483-1DL**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **11/26/2014 15:05**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/04/2014 14:53**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	10	146	146	U	146	U	ug/L
65-85-0	Benzoic acid	10	292	292	U	292	U	ug/L
100-51-6	Benzyl alcohol	10	292	292	U	292	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	10	146	146	U	146	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	10	146	146	U	146	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	10	146	146	U	146	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	10	292	292	U	292	U	ug/L
85-68-7	Butyl benzyl phthalate	10	292	292	U	292	U	ug/L
218-01-9	Chrysene	10	146	146	U	146	U	ug/L
53-70-3	Dibenz(a,h)anthracene	10	292	292	U	292	U	ug/L
132-64-9	Dibenzofuran	10	146	146	U	146	U	ug/L
84-66-2	Diethyl phthalate	10	146	146	U	146	U	ug/L
131-11-3	Dimethyl phthalate	10	146	146	U	146	U	ug/L
84-74-2	Di-n-butyl phthalate	10	292	292	U	292	U	ug/L
117-84-0	Di-n-octyl phthalate	10	292	292	U	292	U	ug/L
206-44-0	Fluoranthene	10	146	146	U	146	U	ug/L
86-73-7	Fluorene	10	146	146	U	146	U	ug/L
118-74-1	Hexachlorobenzene	10	146	146	U	146	U	ug/L
87-68-3	Hexachlorobutadiene	10	146	146	U	146	U	ug/L
77-47-4	Hexachlorocyclopentadiene	10	292	292	U	292	U	ug/L
67-72-1	Hexachloroethane	10	146	146	U	146	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	10	292	292	U	292	U	ug/L
78-59-1	Isophorone	10	146	146	U	146	U	ug/L
91-20-3	Naphthalene	10	146	146	U	146	U	ug/L
98-95-3	Nitrobenzene	10	292	292	U	292	U	ug/L
62-75-9	N-Nitrosodimethylamine	10	292	292	U	292	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	10	146	146	U	146	U	ug/L
86-30-6	N-Nitrosodiphenylamine	10	146	146	U	146	U	ug/L
87-86-5	Pentachlorophenol	10	292	292	U	292	U	ug/L
85-01-8	Phenanthrene	10	146	146	U	146	U	ug/L
108-95-2	Phenol	10	146	146	U	146	U	ug/L
129-00-0	Pyrene	10	146	146	U	146	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: <b>SACA1126SC003</b>		Sample Matrix : Water				Total/Dissolved: T		
Location ID: <b>NA</b>		Sample Date: 11/26/2014 15:30				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94483-2DL</b>		Analysis Date: 12/04/2014 15:14						
Sample Type: <b>Site Sample</b>								
Method: <b>SW8270C</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	10	156	156	U	156	U	ug/L
95-50-1	1,2-Dichlorobenzene	10	156	156	U	156	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	10	313	313	U	313	U	ug/L
541-73-1	1,3-Dichlorobenzene	10	156	156	U	156	U	ug/L
106-46-7	1,4-Dichlorobenzene	10	156	156	U	156	U	ug/L
95-95-4	2,4,5-Trichlorophenol	10	313	313	U	313	U	ug/L
88-06-2	2,4,6-Trichlorophenol	10	313	313	U	313	U	ug/L
120-83-2	2,4-Dichlorophenol	10	156	156	U	156	U	ug/L
105-67-9	2,4-Dimethylphenol	10	313	313	U	313	U	ug/L
51-28-5	2,4-Dinitrophenol	10	625	625	U	625	U	ug/L
121-14-2	2,4-Dinitrotoluene	10	156	156	U	156	U	ug/L
606-20-2	2,6-Dinitrotoluene	10	156	156	U	156	U	ug/L
91-58-7	2-Chloronaphthalene	10	156	156	U	156	U	ug/L
95-57-8	2-Chlorophenol	10	156	156	U	156	U	ug/L
91-57-6	2-Methylnaphthalene	10	156	156	U	156	U	ug/L
95-48-7	2-Methylphenol	10	156	156	U	156	U	ug/L
88-74-4	2-Nitroaniline	10	313	313	U	313	U	ug/L
88-75-5	2-Nitrophenol	10	156	156	U	156	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	10	313	313	U	313	U	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	10	156	156	U	156	U	ug/L
99-09-2	3-Nitroaniline	10	313	313	U	313	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	313	313	U	313	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	10	156	156	U	156	U	ug/L
59-50-7	4-Chloro-3-methylphenol	10	313	313	U	313	U	ug/L
106-47-8	4-Chloroaniline	10	156	156	U	156	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	10	156	156	U	156	U	ug/L
100-01-6	4-Nitroaniline	10	313	313	U	313	U	ug/L
100-02-7	4-Nitrophenol	10	313	313	U	313	U	ug/L
83-32-9	Acenaphthene	10	156	156	U	156	U	ug/L
208-96-8	Acenaphthylene	10	156	156	U	156	U	ug/L
62-53-3	Aniline	10	156	156	U	156	U	ug/L
120-12-7	Anthracene	10	156	156	U	156	U	ug/L
92-87-5	Benzidine	10	625	625	U	625	U	ug/L
56-55-3	Benzo[a]anthracene	10	156	156	U	156	U	ug/L
50-32-8	Benzo[a]pyrene	10	156	156	U	156	U	ug/L
205-99-2	Benzo[b]fluoranthene	10	156	156	U	156	U	ug/L
191-24-2	Benzo[g,h,i]perylene	10	156	156	U	156	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SC003**
**Location ID: NA**
**Lab Sample ID: 440-94483-2DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Water**
**Sample Date: 11/26/2014 15:30**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/04/2014 15:14**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	10	156	156	U	156	U	ug/L
65-85-0	Benzoic acid	10	313	313	U	313	U	ug/L
100-51-6	Benzyl alcohol	10	313	313	U	313	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	10	156	156	U	156	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	10	156	156	U	156	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	10	156	156	U	156	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	10	313	313	U	313	U	ug/L
85-68-7	Butyl benzyl phthalate	10	313	313	U	313	U	ug/L
218-01-9	Chrysene	10	156	156	U	156	U	ug/L
53-70-3	Dibenz(a,h)anthracene	10	313	313	U	313	U	ug/L
132-64-9	Dibenzofuran	10	156	156	U	156	U	ug/L
84-66-2	Diethyl phthalate	10	156	156	U	156	U	ug/L
131-11-3	Dimethyl phthalate	10	156	156	U	156	U	ug/L
84-74-2	Di-n-butyl phthalate	10	313	313	U	313	U	ug/L
117-84-0	Di-n-octyl phthalate	10	313	313	U	313	U	ug/L
206-44-0	Fluoranthene	10	156	156	U	156	U	ug/L
86-73-7	Fluorene	10	156	156	U	156	U	ug/L
118-74-1	Hexachlorobenzene	10	156	156	U	156	U	ug/L
87-68-3	Hexachlorobutadiene	10	156	156	U	156	U	ug/L
77-47-4	Hexachlorocyclopentadiene	10	313	313	U	313	U	ug/L
67-72-1	Hexachloroethane	10	156	156	U	156	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	10	313	313	U	313	U	ug/L
78-59-1	Isophorone	10	156	156	U	156	U	ug/L
91-20-3	Naphthalene	10	156	156	U	156	U	ug/L
98-95-3	Nitrobenzene	10	313	313	U	313	U	ug/L
62-75-9	N-Nitrosodimethylamine	10	313	313	U	313	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	10	156	156	U	156	U	ug/L
86-30-6	N-Nitrosodiphenylamine	10	156	156	U	156	U	ug/L
87-86-5	Pentachlorophenol	10	313	313	U	313	U	ug/L
85-01-8	Phenanthrene	10	156	156	U	156	U	ug/L
108-95-2	Phenol	10	156	156	U	156	U	ug/L
129-00-0	Pyrene	10	156	156	U	156	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SD003**
**Location ID: NA**
**Lab Sample ID: 440-94483-3DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 15:20**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 13:34**
**% Solids: 41.4**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	5	55400	55400	U	55400	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	55400	55400	U	55400	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	5	55400	55400	U	55400	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	55400	55400	U	55400	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	55400	55400	U	55400	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5	55400	55400	U	55400	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5	55400	55400	U	55400	U	ug/Kg
120-83-2	2,4-Dichlorophenol	5	55400	55400	U	55400	U	ug/Kg
105-67-9	2,4-Dimethylphenol	5	55400	55400	U	55400	U	ug/Kg
51-28-5	2,4-Dinitrophenol	5	111000	111000	U	111000	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	5	55400	55400	U	55400	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	5	55400	55400	U	55400	U	ug/Kg
91-58-7	2-Chloronaphthalene	5	55400	55400	U	55400	U	ug/Kg
95-57-8	2-Chlorophenol	5	55400	55400	U	55400	U	ug/Kg
91-57-6	2-Methylnaphthalene	5	55400	55400	U	55400	U	ug/Kg
95-48-7	2-Methylphenol	5	55400	55400	U	55400	U	ug/Kg
88-74-4	2-Nitroaniline	5	55400	55400	U	55400	U	ug/Kg
88-75-5	2-Nitrophenol	5	55400	55400	U	55400	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	5	139000	139000	U	139000	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	5	55400	55400	U	55400	U	ug/Kg
99-09-2	3-Nitroaniline	5	55400	55400	U	55400	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5	70500	70500	U	70500	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	5	55400	55400	U	55400	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5	55400	55400	U	55400	U	ug/Kg
106-47-8	4-Chloroaniline	5	55400	55400	U	55400	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	5	55400	55400	U	55400	U	ug/Kg
100-01-6	4-Nitroaniline	5	139000	139000	U	139000	U	ug/Kg
100-02-7	4-Nitrophenol	5	139000	139000	U	139000	U	ug/Kg
83-32-9	Acenaphthene	5	55400	55400	U	55400	U	ug/Kg
208-96-8	Acenaphthylene	5	55400	55400	U	55400	U	ug/Kg
62-53-3	Aniline	5	70500	70500	U	70500	U	ug/Kg
120-12-7	Anthracene	5	55400	55400	U	55400	U	ug/Kg
92-87-5	Benzidine	5	225000	225000	U	225000	U	ug/Kg
56-55-3	Benzo[a]anthracene	5	55400	55400	U	55400	U	ug/Kg
50-32-8	Benzo[a]pyrene	5	55400	55400	U	55400	U	ug/Kg
205-99-2	Benzo[b]fluoranthene	5	55400	55400	U	55400	U	ug/Kg
191-24-2	Benzo[g,h,i]perylene	5	55400	55400	U	55400	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SD003**
**Location ID: NA**
**Lab Sample ID: 440-94483-3DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 15:20**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 13:34**
**% Solids: 41.4**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	5	55400	55400	U	55400	U	ug/Kg
65-85-0	Benzoic acid	5	139000	139000	U	139000	U	ug/Kg
100-51-6	Benzyl alcohol	5	55400	55400	U	55400	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	5	55400	55400	U	55400	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	5	55400	55400	U	55400	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	5	55400	55400	U	55400	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	5	55400	55400	U	55400	U	ug/Kg
85-68-7	Butyl benzyl phthalate	5	55400	55400	U	55400	U	ug/Kg
218-01-9	Chrysene	5	55400	55400	U	55400	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	5	70500	70500	U	70500	U	ug/Kg
132-64-9	Dibenzofuran	5	55400	55400	U	55400	U	ug/Kg
84-66-2	Diethyl phthalate	5	55400	55400	U	55400	U	ug/Kg
131-11-3	Dimethyl phthalate	5	55400	55400	U	55400	U	ug/Kg
84-74-2	Di-n-butyl phthalate	5	55400	55400	U	55400	U	ug/Kg
117-84-0	Di-n-octyl phthalate	5	55400	55400	U	55400	U	ug/Kg
206-44-0	Fluoranthene	5	55400	55400	U	55400	U	ug/Kg
86-73-7	Fluorene	5	55400	55400	U	55400	U	ug/Kg
118-74-1	Hexachlorobenzene	5	55400	55400	U	55400	U	ug/Kg
87-68-3	Hexachlorobutadiene	5	55400	55400	U	55400	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5	139000	139000	U	139000	U	ug/Kg
67-72-1	Hexachloroethane	5	55400	55400	U	55400	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	5	55400	55400	U	55400	U	ug/Kg
78-59-1	Isophorone	5	55400	55400	U	55400	U	ug/Kg
91-20-3	Naphthalene	5	55400	55400	U	55400	U	ug/Kg
98-95-3	Nitrobenzene	5	55400	55400	U	55400	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	5	55400	55400	U	55400	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	5	42000	42000	U	42000	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	5	55400	55400	U	55400	U	ug/Kg
87-86-5	Pentachlorophenol	5	139000	139000	U	139000	U	ug/Kg
85-01-8	Phenanthrene	5	55400	55400	U	55400	U	ug/Kg
108-95-2	Phenol	5	55400	55400	U	55400	U	ug/Kg
129-00-0	Pyrene	5	55400	55400	U	55400	U	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SD004**
**Location ID: NA**
**Lab Sample ID: 440-94483-4**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 15:50**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 13:57**
**% Solids: 84.8**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	1	4530	4530	U	4530	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	4530	4530	U	4530	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	1	4530	4530	U	4530	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	4530	4530	U	4530	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	4530	4530	U	4530	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1	4530	4530	U	4530	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1	4530	4530	U	4530	U	ug/Kg
120-83-2	2,4-Dichlorophenol	1	4530	4530	U	4530	U	ug/Kg
105-67-9	2,4-Dimethylphenol	1	4530	4530	U	4530	U	ug/Kg
51-28-5	2,4-Dinitrophenol	1	9050	9050	U	9050	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	1	4530	4530	U	4530	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	1	4530	4530	U	4530	U	ug/Kg
91-58-7	2-Chloronaphthalene	1	4530	4530	U	4530	U	ug/Kg
95-57-8	2-Chlorophenol	1	4530	4530	U	4530	U	ug/Kg
91-57-6	2-Methylnaphthalene	1	4530	4530	U	4530	U	ug/Kg
95-48-7	2-Methylphenol	1	4530	4530	U	4530	U	ug/Kg
88-74-4	2-Nitroaniline	1	4530	4530	U	4530	U	ug/Kg
88-75-5	2-Nitrophenol	1	4530	4530	U	4530	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	1	11400	11400	U	11400	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	1	4530	4530	U	4530	U	ug/Kg
99-09-2	3-Nitroaniline	1	4530	4530	U	4530	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1	5760	5760	U	5760	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	1	4530	4530	U	4530	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1	4530	4530	U	4530	U	ug/Kg
106-47-8	4-Chloroaniline	1	4530	4530	U	4530	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	1	4530	4530	U	4530	U	ug/Kg
100-01-6	4-Nitroaniline	1	11400	11400	U	11400	U	ug/Kg
100-02-7	4-Nitrophenol	1	11400	11400	U	11400	U	ug/Kg
83-32-9	Acenaphthene	1	4530	4530	U	4530	U	ug/Kg
208-96-8	Acenaphthylene	1	4530	4530	U	4530	U	ug/Kg
62-53-3	Aniline	1	5760	5760	U	5760	U	ug/Kg
120-12-7	Anthracene	1	4530	4530	U	4530	U	ug/Kg
92-87-5	Benzidine	1	18400	18400	U	18400	U	ug/Kg
56-55-3	Benzo[a]anthracene	1	4530	4530	U	4530	U	ug/Kg
50-32-8	Benzo[a]pyrene	1	4530	4530	U	4530	U	ug/Kg
205-99-2	Benzo[b]fluoranthene	1	4530	4530	U	4530	U	ug/Kg
191-24-2	Benzo[g,h,i]perylene	1	4530	4530	U	4530	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Location ID: **NA**Lab Sample ID: **440-94483-4**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Soil**Sample Date: **11/26/2014 15:50**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/03/2014 13:57**% Solids: **84.8**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	1	4530	4530	U	4530	U	ug/Kg
65-85-0	Benzoic acid	1	11400	11400	U	11400	U	ug/Kg
100-51-6	Benzyl alcohol	1	4530	4530	U	4530	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	1	4530	4530	U	4530	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	1	4530	4530	U	4530	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	1	4530	4530	U	4530	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	1	4530	4530	U	4530	U	ug/Kg
85-68-7	Butyl benzyl phthalate	1	4530	4530	U	4530	U	ug/Kg
218-01-9	Chrysene	1	4530	4530	U	4530	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	1	5760	5760	U	5760	U	ug/Kg
132-64-9	Dibenzofuran	1	4530	4530	U	4530	U	ug/Kg
84-66-2	Diethyl phthalate	1	4530	4530	U	4530	U	ug/Kg
131-11-3	Dimethyl phthalate	1	4530	4530	U	4530	U	ug/Kg
84-74-2	Di-n-butyl phthalate	1	4530	4530	U	4530	U	ug/Kg
117-84-0	Di-n-octyl phthalate	1	4530	4530	U	4530	U	ug/Kg
206-44-0	Fluoranthene	1	4530	4530	U	4530	U	ug/Kg
86-73-7	Fluorene	1	4530	4530	U	4530	U	ug/Kg
118-74-1	Hexachlorobenzene	1	4530	4530	U	4530	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	4530	4530	U	4530	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1	11400	11400	U	11400	U	ug/Kg
67-72-1	Hexachloroethane	1	4530	4530	U	4530	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	1	4530	4530	U	4530	U	ug/Kg
78-59-1	Isophorone	1	4530	4530	U	4530	U	ug/Kg
91-20-3	Naphthalene	1	4530	4530	U	4530	U	ug/Kg
98-95-3	Nitrobenzene	1	4530	4530	U	4530	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	1	4530	4530	U	4530	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	1	3430	3430	U	3430	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1	4530	4530	U	4530	U	ug/Kg
87-86-5	Pentachlorophenol	1	11400	11400	U	11400	U	ug/Kg
85-01-8	Phenanthrene	1	4530	4530	U	4530	U	ug/Kg
108-95-2	Phenol	1	4530	4530	U	4530	U	ug/Kg
129-00-0	Pyrene	1	4530	4530	U	4530	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**

COC Sample ID: <b>SACA1126SD005</b>		Sample Matrix : <b>Soil</b>			Total/Dissolved: <b>T</b>					
Location ID: <b>NA</b>		Sample Date: <b>11/26/2014 16:35</b>			Lab: <b>TAIRV</b>					
Lab Sample ID: <b>440-94483-5</b>		Analysis Date: <b>12/03/2014 14:19</b>			% Solids: <b>72.9</b>					
Sample Type: <b>Site Sample</b>										
Method: <b>SW8270C</b>		<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	1	6070		6070	U		6070	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	6070		6070	U		6070	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	1	6070		6070	U		6070	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	6070		6070	U		6070	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	6070		6070	U		6070	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1	6070		6070	U		6070	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1	6070		6070	U		6070	U	ug/Kg
120-83-2	2,4-Dichlorophenol	1	6070		6070	U		6070	U	ug/Kg
105-67-9	2,4-Dimethylphenol	1	6070		6070	U		6070	U	ug/Kg
51-28-5	2,4-Dinitrophenol	1	12100		12100	U		12100	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	1	6070		6070	U		6070	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	1	6070		6070	U		6070	U	ug/Kg
91-58-7	2-Chloronaphthalene	1	6070		6070	U		6070	U	ug/Kg
95-57-8	2-Chlorophenol	1	6070		6070	U		6070	U	ug/Kg
91-57-6	2-Methylnaphthalene	1	6070		6070	U		6070	U	ug/Kg
95-48-7	2-Methylphenol	1	6070		6070	U		6070	U	ug/Kg
88-74-4	2-Nitroaniline	1	6070		6070	U		6070	U	ug/Kg
88-75-5	2-Nitrophenol	1	6070		6070	U		6070	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	1	15300		15300	U		15300	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	1	6070		6070	U		6070	U	ug/Kg
99-09-2	3-Nitroaniline	1	6070		6070	U		6070	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1	7720		7720	U		7720	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	1	6070		6070	U		6070	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1	6070		6070	U		6070	U	ug/Kg
106-47-8	4-Chloroaniline	1	6070		6070	U		6070	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	1	6070		6070	U		6070	U	ug/Kg
100-01-6	4-Nitroaniline	1	15300		15300	U		15300	U	ug/Kg
100-02-7	4-Nitrophenol	1	15300		15300	U		15300	U	ug/Kg
83-32-9	Acenaphthene	1	6070		6070	U		6070	U	ug/Kg
208-96-8	Acenaphthylene	1	6070		6070	U		6070	U	ug/Kg
62-53-3	Aniline	1	7720		7720	U		7720	U	ug/Kg
120-12-7	Anthracene	1	6070		6070	U		6070	U	ug/Kg
92-87-5	Benzidine	1	24600		24600	U		24600	U	ug/Kg
56-55-3	Benzo[a]anthracene	1	6070		6070	U		6070	U	ug/Kg
50-32-8	Benzo[a]pyrene	1	6070		6070	U		6070	U	ug/Kg
205-99-2	Benzo[b]fluoranthene	1	6070		6070	U		6070	U	ug/Kg
191-24-2	Benzo[g,h,i]perylene	1	6070		6070	U		6070	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SD005**
**Location ID: NA**
**Lab Sample ID: 440-94483-5**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 16:35**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 14:19**
**% Solids: 72.9**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	1	6070	6070	U	6070	U	ug/Kg
65-85-0	Benzoic acid	1	15300	15300	U	15300	U	ug/Kg
100-51-6	Benzyl alcohol	1	6070	6070	U	6070	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	1	6070	6070	U	6070	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	1	6070	6070	U	6070	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	1	6070	6070	U	6070	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	1	6070	6070	U	6070	U	ug/Kg
85-68-7	Butyl benzyl phthalate	1	6070	6070	U	6070	U	ug/Kg
218-01-9	Chrysene	1	6070	6070	U	6070	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	1	7720	7720	U	7720	U	ug/Kg
132-64-9	Dibenzofuran	1	6070	6070	U	6070	U	ug/Kg
84-66-2	Diethyl phthalate	1	6070	6070	U	6070	U	ug/Kg
131-11-3	Dimethyl phthalate	1	6070	6070	U	6070	U	ug/Kg
84-74-2	Di-n-butyl phthalate	1	6070	6070	U	6070	U	ug/Kg
117-84-0	Di-n-octyl phthalate	1	6070	6070	U	6070	U	ug/Kg
206-44-0	Fluoranthene	1	6070	6070	U	6070	U	ug/Kg
86-73-7	Fluorene	1	6070	6070	U	6070	U	ug/Kg
118-74-1	Hexachlorobenzene	1	6070	6070	U	6070	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	6070	6070	U	6070	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1	15300	15300	U	15300	U	ug/Kg
67-72-1	Hexachloroethane	1	6070	6070	U	6070	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	1	6070	6070	U	6070	U	ug/Kg
78-59-1	Isophorone	1	6070	6070	U	6070	U	ug/Kg
91-20-3	Naphthalene	1	6070	6070	U	6070	U	ug/Kg
98-95-3	Nitrobenzene	1	6070	6070	U	6070	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	1	6070	6070	U	6070	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	1	4590	4590	U	4590	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1	6070	6070	U	6070	U	ug/Kg
87-86-5	Pentachlorophenol	1	15300	15300	U	15300	U	ug/Kg
85-01-8	Phenanthrene	1	6070	6070	U	6070	U	ug/Kg
108-95-2	Phenol	1	6070	6070	U	6070	U	ug/Kg
129-00-0	Pyrene	1	6070	6070	U	6070	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**

COC Sample ID: <b>SACA1126SC005</b>		Sample Matrix : <b>Soil</b>			Total/Dissolved: <b>T</b>			
Location ID: <b>NA</b>		Sample Date: <b>11/26/2014 16:35</b>			Lab: <b>TAIRV</b>			
Lab Sample ID: <b>440-94483-6</b>		Analysis Date: <b>12/03/2014 14:42</b>			% Solids: <b>70.4</b>			
Sample Type: <b>Site Sample</b>								
<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	1	5410	5410	U	5410	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1	5410	5410	U	5410	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	1	5410	5410	U	5410	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	1	5410	5410	U	5410	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1	5410	5410	U	5410	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1	5410	5410	U	5410	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1	5410	5410	U	5410	U	ug/Kg
120-83-2	2,4-Dichlorophenol	1	5410	5410	U	5410	U	ug/Kg
105-67-9	2,4-Dimethylphenol	1	5410	5410	U	5410	U	ug/Kg
51-28-5	2,4-Dinitrophenol	1	10800	10800	U	10800	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	1	5410	5410	U	5410	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	1	5410	5410	U	5410	U	ug/Kg
91-58-7	2-Chloronaphthalene	1	5410	5410	U	5410	U	ug/Kg
95-57-8	2-Chlorophenol	1	5410	5410	U	5410	U	ug/Kg
91-57-6	2-Methylnaphthalene	1	5410	5410	U	5410	U	ug/Kg
95-48-7	2-Methylphenol	1	5410	5410	U	5410	U	ug/Kg
88-74-4	2-Nitroaniline	1	5410	5410	U	5410	U	ug/Kg
88-75-5	2-Nitrophenol	1	5410	5410	U	5410	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	1	13600	13600	U	13600	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	1	5410	5410	U	5410	U	ug/Kg
99-09-2	3-Nitroaniline	1	5410	5410	U	5410	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1	6880	6880	U	6880	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	1	5410	5410	U	5410	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1	5410	5410	U	5410	U	ug/Kg
106-47-8	4-Chloroaniline	1	5410	5410	U	5410	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	1	5410	5410	U	5410	U	ug/Kg
100-01-6	4-Nitroaniline	1	13600	13600	U	13600	U	ug/Kg
100-02-7	4-Nitrophenol	1	13600	13600	U	13600	U	ug/Kg
83-32-9	Acenaphthene	1	5410	5410	U	5410	U	ug/Kg
208-96-8	Acenaphthylene	1	5410	5410	U	5410	U	ug/Kg
62-53-3	Aniline	1	6880	6880	U	6880	U	ug/Kg
120-12-7	Anthracene	1	5410	5410	U	5410	U	ug/Kg
92-87-5	Benzidine	1	22000	22000	U	22000	U	ug/Kg
56-55-3	Benzo[a]anthracene	1	5410	5410	U	5410	U	ug/Kg
50-32-8	Benzo[a]pyrene	1	5410	5410	U	5410	U	ug/Kg
205-99-2	Benzo[b]fluoranthene	1	5410	5410	U	5410	U	ug/Kg
191-24-2	Benzo[g,h,i]perylene	1	5410	5410	U	5410	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126SC005**
**Location ID: NA**
**Lab Sample ID: 440-94483-6**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 11/26/2014 16:35**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 14:42**
**% Solids: 70.4**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	1	5410	5410	U	5410	U	ug/Kg
65-85-0	Benzoic acid	1	13600	13600	U	13600	U	ug/Kg
100-51-6	Benzyl alcohol	1	5410	5410	U	5410	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	1	5410	5410	U	5410	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	1	5410	5410	U	5410	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	1	5410	5410	U	5410	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	1	5410	5410	U	5410	U	ug/Kg
85-68-7	Butyl benzyl phthalate	1	5410	5410	U	5410	U	ug/Kg
218-01-9	Chrysene	1	5410	5410	U	5410	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	1	6880	6880	U	6880	U	ug/Kg
132-64-9	Dibenzofuran	1	5410	5410	U	5410	U	ug/Kg
84-66-2	Diethyl phthalate	1	5410	5410	U	5410	U	ug/Kg
131-11-3	Dimethyl phthalate	1	5410	5410	U	5410	U	ug/Kg
84-74-2	Di-n-butyl phthalate	1	5410	5410	U	5410	U	ug/Kg
117-84-0	Di-n-octyl phthalate	1	5410	5410	U	5410	U	ug/Kg
206-44-0	Fluoranthene	1	5410	5410	U	5410	U	ug/Kg
86-73-7	Fluorene	1	5410	5410	U	5410	U	ug/Kg
118-74-1	Hexachlorobenzene	1	5410	5410	U	5410	U	ug/Kg
87-68-3	Hexachlorobutadiene	1	5410	5410	U	5410	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1	13600	13600	U	13600	U	ug/Kg
67-72-1	Hexachloroethane	1	5410	5410	U	5410	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	1	5410	5410	U	5410	U	ug/Kg
78-59-1	Isophorone	1	5410	5410	U	5410	U	ug/Kg
91-20-3	Naphthalene	1	5410	5410	U	5410	U	ug/Kg
98-95-3	Nitrobenzene	1	5410	5410	U	5410	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	1	5410	5410	U	5410	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	1	4100	4100	U	4100	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1	5410	5410	U	5410	U	ug/Kg
87-86-5	Pentachlorophenol	1	13600	13600	U	13600	U	ug/Kg
85-01-8	Phenanthrene	1	5410	5410	U	5410	U	ug/Kg
108-95-2	Phenol	1	5410	5410	U	5410	U	ug/Kg
129-00-0	Pyrene	1	5410	5410	U	5410	U	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**

COC Sample ID: <b>SACA1126TT009</b>		Sample Matrix : Oil				Total/Dissolved: <b>T</b>		
Location ID: <b>NA</b>		Sample Date: <b>11/26/2014 15:20</b>				Lab: <b>TAIRV</b>		
Lab Sample ID: <b>440-94483-9DL</b>		Analysis Date: <b>12/03/2014 17:44</b>						
Sample Type: <b>Site Sample</b>								
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	20	469	469	U	469	U	mg/Kg
95-50-1	1,2-Dichlorobenzene	20	469	469	U	469	U	mg/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	20	938	938	U	938	U	mg/Kg
541-73-1	1,3-Dichlorobenzene	20	469	469	U	469	U	mg/Kg
106-46-7	1,4-Dichlorobenzene	20	469	469	U	469	U	mg/Kg
95-95-4	2,4,5-Trichlorophenol	20	469	469	U *	469	U	mg/Kg
88-06-2	2,4,6-Trichlorophenol	20	938	938	U *	938	U	mg/Kg
120-83-2	2,4-Dichlorophenol	20	469	469	U *	469	U	mg/Kg
105-67-9	2,4-Dimethylphenol	20	938	938	U *	938	U	mg/Kg
51-28-5	2,4-Dinitrophenol	20	4690	4690	U	4690	U	mg/Kg
121-14-2	2,4-Dinitrotoluene	20	469	469	U	469	U	mg/Kg
606-20-2	2,6-Dinitrotoluene	20	469	469	U	469	U	mg/Kg
91-58-7	2-Chloronaphthalene	20	469	469	U	469	U	mg/Kg
95-57-8	2-Chlorophenol	20	469	469	U *	469	U	mg/Kg
91-57-6	2-Methylnaphthalene	20	469	469	U	469	U	mg/Kg
95-48-7	2-Methylphenol	20	469	469	U	469	U	mg/Kg
88-74-4	2-Nitroaniline	20	469	469	U	469	U	mg/Kg
88-75-5	2-Nitrophenol	20	469	469	U	469	U	mg/Kg
91-94-1	3,3'-Dichlorobenzidine	20	1880	1880	U	1880	U	mg/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	20	469	469	U *	469	U	mg/Kg
99-09-2	3-Nitroaniline	20	469	469	U	469	U	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	1880	1880	U	1880	U	mg/Kg
101-55-3	4-Bromophenyl phenyl ether	20	469	469	U *	469	U	mg/Kg
59-50-7	4-Chloro-3-methylphenol	20	938	938	U	938	U	mg/Kg
106-47-8	4-Chloroaniline	20	469	469	U	469	U	mg/Kg
7005-72-3	4-Chlorophenyl phenyl ether	20	469	469	U	469	U	mg/Kg
100-01-6	4-Nitroaniline	20	1220	1220	U	1220	U	mg/Kg
100-02-7	4-Nitrophenol	20	4690	4690	U	4690	U	mg/Kg
83-32-9	Acenaphthene	20	469	469	U	469	U	mg/Kg
208-96-8	Acenaphthylene	20	469	469	U	469	U	mg/Kg
62-53-3	Aniline	20	656	656	U	656	U	mg/Kg
120-12-7	Anthracene	20	469	469	U	469	U	mg/Kg
92-87-5	Benzidine	20	938	938	U	938	U	mg/Kg
56-55-3	Benzo[a]anthracene	20	469	469	U	469	U	mg/Kg
50-32-8	Benzo[a]pyrene	20	469	469	U	469	U	mg/Kg
205-99-2	Benzo[b]fluoranthene	20	469	469	U	469	U	mg/Kg
191-24-2	Benzo[g,h,i]perylene	20	469	469	U	469	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 94483-1**
**COC Sample ID: SACAC1126TT009**
**Location ID: NA**
**Lab Sample ID: 440-94483-9DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Oil**
**Sample Date: 11/26/2014 15:20**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/03/2014 17:44**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	20	469	469	U	469	U	mg/Kg
65-85-0	Benzoic acid	20	4690	4690	U	4690	U	mg/Kg
100-51-6	Benzyl alcohol	20	938	938	U	938	U	mg/Kg
108-60-1	bis (2-chloroisopropyl) ether	20	469	469	U *	469	U	mg/Kg
111-91-1	Bis(2-chloroethoxy)methane	20	469	469	U	469	U	mg/Kg
111-44-4	Bis(2-chloroethyl)ether	20	469	469	U	469	U	mg/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	20	2340	2340	U	2340	U	mg/Kg
85-68-7	Butyl benzyl phthalate	20	938	938	U	938	U	mg/Kg
218-01-9	Chrysene	20	469	469	U	469	U	mg/Kg
53-70-3	Dibenz(a,h)anthracene	20	938	938	U	938	U	mg/Kg
132-64-9	Dibenzofuran	20	469	469	U	469	U	mg/Kg
84-66-2	Diethyl phthalate	20	469	469	U	469	U	mg/Kg
131-11-3	Dimethyl phthalate	20	469	469	U	469	U	mg/Kg
84-74-2	Di-n-butyl phthalate	20	938	938	U	938	U	mg/Kg
117-84-0	Di-n-octyl phthalate	20	1880	1880	U	1880	U	mg/Kg
206-44-0	Fluoranthene	20	469	469	U	469	U	mg/Kg
86-73-7	Fluorene	20	469	469	U	469	U	mg/Kg
118-74-1	Hexachlorobenzene	20	469	469	U	469	U	mg/Kg
87-68-3	Hexachlorobutadiene	20	469	469	U	469	U	mg/Kg
77-47-4	Hexachlorocyclopentadiene	20	1880	1880	U	1880	U	mg/Kg
67-72-1	Hexachloroethane	20	469	469	U	469	U	mg/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	20	938	938	U	938	U	mg/Kg
78-59-1	Isophorone	20	469	469	U *	469	U	mg/Kg
91-20-3	Naphthalene	20	469	469	U	469	U	mg/Kg
98-95-3	Nitrobenzene	20	1880	1880	U *	1880	U	mg/Kg
62-75-9	N-Nitrosodimethylamine	20	469	469	U	469	U	mg/Kg
621-64-7	N-Nitrosodi-n-propylamine	20	469	469	U	469	U	mg/Kg
86-30-6	N-Nitrosodiphenylamine	20	469	469	U	469	U	mg/Kg
87-86-5	Pentachlorophenol	20	1880	1880	U	1880	U	mg/Kg
85-01-8	Phenanthrene	20	469	469	U	469	U	mg/Kg
108-95-2	Phenol	20	469	469	U *	469	U	mg/Kg
129-00-0	Pyrene	20	469	469	U	469	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT011**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-11**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:40	12/02/2014 14:23	1	0.562	0.667		0.667		mg/L
C23-C40	11/26/2014 15:40	12/02/2014 14:23	1	0.562	0.562	U	0.562	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT011**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-11DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/26/2014 15:40	12/02/2014 13:11	5	250	1290	J	1290		ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT012**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-94483-14DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:55	12/01/2014 23:35	10	13600	13600	U	13600	U	mg/Kg
C23-C40	11/26/2014 15:55	12/01/2014 23:35	10	13600	13600	U	13600	U	mg/Kg
GRO (C4-C12)	11/26/2014 15:55	12/02/2014 13:27	100	213000	1090000		1090000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

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**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT013**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-94483-15DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 16:00	12/02/2014 0:34	20	28700	47000		47000		mg/Kg
C23-C40	11/26/2014 16:00	12/02/2014 0:34	20	28700	111000		111000		mg/Kg
GRO (C4-C12)	11/26/2014 16:00	12/02/2014 13:02	200	377000	2160000		2160000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT008**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-18DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:00	12/04/2014 22:17	10	2010	2010	U	2010	U	mg/Kg
C23-C40	11/26/2014 15:00	12/04/2014 22:17	10	2010	8910		8910		mg/Kg
GRO (C4-C12)	11/26/2014 15:00	12/04/2014 13:52	100	216000	216000	U	216000	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SL003**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-1DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:05	12/02/2014 17:20	10	5.46	12.7		12.7		mg/L
C23-C40	11/26/2014 15:05	12/02/2014 17:20	10	5.46	5.46	U	5.46	U	mg/L
GRO (C4-C12)	11/26/2014 15:05	12/02/2014 12:01	200	10000	54800		54800		ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC003**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-2DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:30	12/02/2014 17:40	10	5.18	20.3		20.3		mg/L
C23-C40	11/26/2014 15:30	12/02/2014 17:40	10	5.18	5.18	U	5.18	U	mg/L
GRO (C4-C12)	11/26/2014 15:30	12/02/2014 13:40	50	2500	19500	J	19500		ug/L
									*

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD003**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-3DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:20	12/02/2014 18:00	10	1560	34100		34100		mg/Kg
C23-C40	11/26/2014 15:20	12/02/2014 18:00	10	1560	1560	U	1560	U	mg/Kg
GRO (C4-C12)	11/26/2014 15:20	12/02/2014 15:00	500	967000	4560000		4560000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-4**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:50	12/02/2014 11:36	1	61.4	382		382		mg/Kg
C23-C40	11/26/2014 15:50	12/02/2014 11:36	1	61.4	155		155		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-4DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	11/26/2014 15:50	12/02/2014 12:36	100	481000	481000	U	481000	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD005**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-5**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 16:35	12/02/2014 15:52	1	76.2	647		647		mg/Kg
C23-C40	11/26/2014 16:35	12/02/2014 15:52	1	76.2	1200		1200		mg/Kg
GRO (C4-C12)	11/26/2014 16:35	12/02/2014 13:05	1	2860	23800		23800		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT009**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-94483-9DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	11/26/2014 15:20	12/01/2014 22:55	10	14000	14000	U	14000	U	mg/Kg
C23-C40	11/26/2014 15:20	12/01/2014 22:55	10	14000	14000	U	14000	U	mg/Kg
GRO (C4-C12)	11/26/2014 15:20	12/02/2014 14:19	100	189000	1190000		1190000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SL003**Location ID: **NA**Lab Sample ID: **440-94483-1**Sample Type: **Site Sample**Sample Matrix : **Water**Total/Dissolved: **T**Sample Date: **11/26/2014 15:05**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	12/03/2014 15:28	1	0.0008	0.0008	U	0.0008	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT011**Location ID: **NA**Lab Sample ID: **440-94483-11**Sample Type: **Site Sample**Sample Matrix : **Water**Total/Dissolved: **T**Sample Date: **11/26/2014 15:40**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	12/03/2014 15:15	1	0.0008	0.0008	U	0.0008	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

**CTEH  
Santa Paula, CA  
SDG: 94483-1**

COC Sample ID: **SACA1126TT011**Location ID: **NA**Lab Sample ID: **440-94483-11DL**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/26/2014 15:40**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7440-38-2	Arsenic	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7440-39-3	Barium	SW6010B	12/03/2014 10:40	10	0.1	2.89		2.89	J	mg/L
7440-41-7	Beryllium	SW6010B	12/03/2014 10:40	10	0.02	0.02	U	0.02	UJ	mg/L
7440-43-9	Cadmium	SW6010B	12/03/2014 10:40	10	0.05	0.0828		0.0828	J	mg/L
7440-47-3	Chromium	SW6010B	12/03/2014 10:40	10	0.05	0.05	U	0.05	UJ	mg/L
7440-48-4	Cobalt	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7440-50-8	Copper	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7439-98-7	Molybdenum	SW6010B	12/03/2014 10:40	10	0.2	0.2	U	0.2	UJ	mg/L
7440-02-0	Nickel	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7782-49-2	Selenium	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7440-22-4	Silver	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7440-28-0	Thallium	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7440-62-2	Vanadium	SW6010B	12/03/2014 10:40	10	0.1	0.1	U	0.1	UJ	mg/L
7440-66-6	Zinc	SW6010B	12/03/2014 10:40	10	0.2	0.2	U	0.2	UJ	mg/L
7439-92-1	Lead	SW6010B	12/03/2014 12:15	10	0.05	0.05	U	0.05	UJ	mg/L

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT012**Location ID: **NA**Lab Sample ID: **440-94483-14**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **11/26/2014 15:55**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/02/2014 13:54	1	0.0196	0.0196	U	0.0196	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

**CTEH  
Santa Paula, CA  
SDG: 94483-1**

COC Sample ID: **SACA1126TT012**Location ID: **NA**Lab Sample ID: **440-94483-14DL**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **11/26/2014 15:55**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/02/2014 10:42	5	9.85	9.85	U	9.85	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/02/2014 10:42	5	2.96	2.96	U	2.96	U	mg/Kg
7440-39-3	Barium	SW6010B	12/02/2014 10:42	5	1.48	1.48	U	1.48	U	mg/Kg
7440-41-7	Beryllium	SW6010B	12/02/2014 10:42	5	0.493	0.493	U	0.493	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/02/2014 10:42	5	0.493	0.493	U	0.493	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/02/2014 10:42	5	0.985	0.985	U	0.985	U	mg/Kg
7440-48-4	Cobalt	SW6010B	12/02/2014 10:42	5	0.985	0.985	U	0.985	U	mg/Kg
7440-50-8	Copper	SW6010B	12/02/2014 10:42	5	1.97	2.83		2.83		mg/Kg
7439-92-1	Lead	SW6010B	12/02/2014 10:42	5	1.97	1.97	U	1.97	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/02/2014 10:42	5	1.97	1.97	U	1.97	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/02/2014 10:42	5	1.97	1.97	U	1.97	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/02/2014 10:42	5	2.96	2.96	U	2.96	U	mg/Kg
7440-22-4	Silver	SW6010B	12/02/2014 10:42	5	1.48	1.48	U	1.48	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/02/2014 10:42	5	9.85	9.85	U	9.85	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/02/2014 10:42	5	0.985	0.985	U	0.985	U	mg/Kg
7440-66-6	Zinc	SW6010B	12/02/2014 10:42	5	4.93	4.93	U	4.93	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT013**Location ID: **NA**Lab Sample ID: **440-94483-15**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **11/26/2014 16:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/02/2014 13:57	1	0.0196	0.0196	U	0.0196	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT013**Location ID: **NA**Lab Sample ID: **440-94483-15DL**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **11/26/2014 16:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/02/2014 10:54	5	9.9	9.9	U	9.9	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/02/2014 10:54	5	2.97	2.97	U	2.97	U	mg/Kg
7440-39-3	Barium	SW6010B	12/02/2014 10:54	5	1.49	1.49	U	1.49	U	mg/Kg
7440-41-7	Beryllium	SW6010B	12/02/2014 10:54	5	0.495	0.495	U	0.495	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/02/2014 10:54	5	0.495	0.495	U	0.495	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/02/2014 10:54	5	0.99	0.99	U	0.99	U	mg/Kg
7440-48-4	Cobalt	SW6010B	12/02/2014 10:54	5	0.99	0.99	U	0.99	U	mg/Kg
7440-50-8	Copper	SW6010B	12/02/2014 10:54	5	1.98	1.98	U	1.98	U	mg/Kg
7439-92-1	Lead	SW6010B	12/02/2014 10:54	5	1.98	1.98	U	1.98	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/02/2014 10:54	5	1.98	1.98	U	1.98	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/02/2014 10:54	5	1.98	1.98	U	1.98	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/02/2014 10:54	5	2.97	2.97	U	2.97	U	mg/Kg
7440-22-4	Silver	SW6010B	12/02/2014 10:54	5	1.49	1.49	U	1.49	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/02/2014 10:54	5	9.9	9.9	U	9.9	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/02/2014 10:54	5	0.99	0.99	U	0.99	U	mg/Kg
7440-66-6	Zinc	SW6010B	12/02/2014 10:54	5	4.95	4.95	U	4.95	U	mg/Kg

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT008**Location ID: **NA**Lab Sample ID: **440-94483-18**Sample Type: **Site Sample**Sample Matrix : **Soil**Total/Dissolved: **T**Sample Date: **11/26/2014 15:00**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/04/2014 13:21	1	0.0553	0.0553	U	0.0553	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT008**Location ID: **NA**Lab Sample ID: **440-94483-18DL**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/26/2014 15:00**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/04/2014 13:22	5	27.1	27.1	U	27.1	UJ	mg/Kg
7440-38-2	Arsenic	SW6010B	12/04/2014 13:22	5	8.13	8.13	U	8.13	UJ	mg/Kg
7440-39-3	Barium	SW6010B	12/04/2014 13:22	5	4.07	13.6		13.6	J	mg/Kg
7440-41-7	Beryllium	SW6010B	12/04/2014 13:22	5	1.36	1.36	U	1.36	UJ	mg/Kg
7440-43-9	Cadmium	SW6010B	12/04/2014 13:22	5	1.36	1.36	U	1.36	UJ	mg/Kg
7440-47-3	Chromium	SW6010B	12/04/2014 13:22	5	2.71	9.65		9.65	J	mg/Kg
7440-48-4	Cobalt	SW6010B	12/04/2014 13:22	5	2.71	2.71	U	2.71	UJ	mg/Kg
7440-50-8	Copper	SW6010B	12/04/2014 13:22	5	5.42	61		61	J	mg/Kg
7439-92-1	Lead	SW6010B	12/04/2014 13:22	5	5.42	5.42	U	5.42	UJ	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/04/2014 13:22	5	5.42	5.42	U	5.42	UJ	mg/Kg
7440-02-0	Nickel	SW6010B	12/04/2014 13:22	5	5.42	5.42	U	5.42	UJ	mg/Kg
7782-49-2	Selenium	SW6010B	12/04/2014 13:22	5	8.13	8.13	U	8.13	UJ	mg/Kg
7440-22-4	Silver	SW6010B	12/04/2014 13:22	5	4.07	4.07	U	4.07	UJ	mg/Kg
7440-28-0	Thallium	SW6010B	12/04/2014 13:22	5	27.1	27.1	U	27.1	UJ	mg/Kg
7440-62-2	Vanadium	SW6010B	12/04/2014 13:22	5	2.71	6.11		6.11	J	mg/Kg
7440-66-6	Zinc	SW6010B	12/04/2014 13:22	5	13.6	743	B	743	J	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SL003**Location ID: **NA**Lab Sample ID: **440-94483-1DL**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/26/2014 15:05**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/03/2014 12:11	2	0.02	0.02	U	0.02	UJ	mg/L
7440-38-2	Arsenic	SW6010B	12/03/2014 12:11	2	0.02	0.0252		0.0252	J	mg/L
7440-39-3	Barium	SW6010B	12/03/2014 12:11	2	0.02	0.0998		0.0998	J	mg/L
7440-41-7	Beryllium	SW6010B	12/03/2014 12:11	2	0.004	0.004	U	0.004	UJ	mg/L
7440-43-9	Cadmium	SW6010B	12/03/2014 12:11	2	0.01	0.0795		0.0795	J	mg/L
7440-47-3	Chromium	SW6010B	12/03/2014 12:11	2	0.01	0.0421		0.0421	J	mg/L
7440-48-4	Cobalt	SW6010B	12/03/2014 12:11	2	0.02	0.0332		0.0332	J	mg/L
7440-50-8	Copper	SW6010B	12/03/2014 12:11	2	0.02	0.242		0.242	J	mg/L
7439-98-7	Molybdenum	SW6010B	12/03/2014 12:11	2	0.04	0.0844		0.0844	J	mg/L
7440-02-0	Nickel	SW6010B	12/03/2014 12:11	2	0.02	0.0402		0.0402	J	mg/L
7782-49-2	Selenium	SW6010B	12/03/2014 12:11	2	0.02	0.0282		0.0282	J	mg/L
7440-22-4	Silver	SW6010B	12/03/2014 12:11	2	0.02	0.02	U	0.02	UJ	mg/L
7440-28-0	Thallium	SW6010B	12/03/2014 12:11	2	0.02	0.02	U	0.02	UJ	mg/L
7440-62-2	Vanadium	SW6010B	12/03/2014 12:11	2	0.02	0.0948		0.0948	J	mg/L
7440-66-6	Zinc	SW6010B	12/03/2014 12:11	2	0.04	14.5		14.5	J	mg/L
7439-92-1	Lead	SW6010B	12/03/2014 12:26	2	0.01	0.0322		0.0322	J	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC003**Location ID: **NA**Lab Sample ID: **440-94483-2**Sample Type: **Site Sample**Sample Matrix : **Water**Total/Dissolved: **T**Sample Date: **11/26/2014 15:30**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7470A	12/03/2014 15:30	1	0.0008	0.0008	U	0.0008	U	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC003**Location ID: **NA**Lab Sample ID: **440-94483-2DL**Sample Type: **Site Sample**Sample Matrix : **Water**Sample Date: **11/26/2014 15:30**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/03/2014 12:13	2	0.02	0.02	U	0.02	UJ	mg/L
7440-39-3	Barium	SW6010B	12/03/2014 12:13	2	0.02	0.116		0.116	J	mg/L
7440-41-7	Beryllium	SW6010B	12/03/2014 12:13	2	0.004	0.004	U	0.004	UJ	mg/L
7440-43-9	Cadmium	SW6010B	12/03/2014 12:13	2	0.01	0.0904		0.0904	J	mg/L
7440-47-3	Chromium	SW6010B	12/03/2014 12:13	2	0.01	0.0475		0.0475	J	mg/L
7440-48-4	Cobalt	SW6010B	12/03/2014 12:13	2	0.02	0.036		0.036	J	mg/L
7440-50-8	Copper	SW6010B	12/03/2014 12:13	2	0.02	0.278		0.278	J	mg/L
7439-98-7	Molybdenum	SW6010B	12/03/2014 12:13	2	0.04	0.0824		0.0824	J	mg/L
7440-02-0	Nickel	SW6010B	12/03/2014 12:13	2	0.02	0.0428		0.0428	J	mg/L
7782-49-2	Selenium	SW6010B	12/03/2014 12:13	2	0.02	0.0301		0.0301	J	mg/L
7440-22-4	Silver	SW6010B	12/03/2014 12:13	2	0.02	0.02	U	0.02	UJ	mg/L
7440-28-0	Thallium	SW6010B	12/03/2014 12:13	2	0.02	0.02	U	0.02	UJ	mg/L
7440-62-2	Vanadium	SW6010B	12/03/2014 12:13	2	0.02	0.107		0.107	J	mg/L
7440-66-6	Zinc	SW6010B	12/03/2014 12:13	2	0.04	16.3		16.3	J	mg/L
7439-92-1	Lead	SW6010B	12/03/2014 12:27	2	0.01	0.0308		0.0308	J	mg/L
7440-38-2	Arsenic	SW6010B	12/03/2014 13:07	2	0.02	0.0317		0.0317	J	mg/L

DF = Dilution Factor      RL = Reporting Limit

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U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD003**Location ID: **NA**Lab Sample ID: **440-94483-3**Sample Type: **Site Sample**Sample Matrix : **Soil**Total/Dissolved: **T**Sample Date: **11/26/2014 15:20**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/02/2014 13:49	1	0.0474	0.446		0.446		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD003**Location ID: **NA**Lab Sample ID: **440-94483-3DL**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/26/2014 15:20**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/02/2014 10:37	5	23.9	23.9	U	23.9	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/02/2014 10:37	5	7.18	7.18	U	7.18	U	mg/Kg
7440-39-3	Barium	SW6010B	12/02/2014 10:37	5	3.59	112		112		mg/Kg
7440-41-7	Beryllium	SW6010B	12/02/2014 10:37	5	1.2	1.2	U	1.2	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/02/2014 10:37	5	1.2	1.2	U	1.2	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/02/2014 10:37	5	2.39	26.3		26.3		mg/Kg
7440-48-4	Cobalt	SW6010B	12/02/2014 10:37	5	2.39	2.39	U	2.39	U	mg/Kg
7440-50-8	Copper	SW6010B	12/02/2014 10:37	5	4.79	11.2		11.2		mg/Kg
7439-98-7	Molybdenum	SW6010B	12/02/2014 10:37	5	4.79	4.79	U	4.79	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/02/2014 10:37	5	4.79	4.79	U	4.79	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/02/2014 10:37	5	7.18	7.18	U	7.18	U	mg/Kg
7440-22-4	Silver	SW6010B	12/02/2014 10:37	5	3.59	3.59	U	3.59	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/02/2014 10:37	5	23.9	23.9	U	23.9	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/02/2014 10:37	5	2.39	7.63		7.63		mg/Kg
7440-66-6	Zinc	SW6010B	12/02/2014 10:37	5	12	566		566		mg/Kg
7439-92-1	Lead	SW6010B	12/02/2014 12:06	5	4.79	11.6		11.6		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Location ID: **NA**Lab Sample ID: **440-94483-4**Sample Type: **Site Sample**Sample Matrix : **Soil**Total/Dissolved: **T**Sample Date: **11/26/2014 15:50**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/02/2014 14:21	1	0.0231	0.0231	U	0.0231	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Location ID: **NA**Lab Sample ID: **440-94483-4DL**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/26/2014 15:50**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/02/2014 10:36	5	11.7	11.7	U	11.7	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/02/2014 10:36	5	3.5	4.27		4.27		mg/Kg
7440-39-3	Barium	SW6010B	12/02/2014 10:36	5	1.75	203		203		mg/Kg
7440-41-7	Beryllium	SW6010B	12/02/2014 10:36	5	0.584	0.584	U	0.584	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/02/2014 10:36	5	0.584	0.584	U	0.584	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/02/2014 10:36	5	1.17	40.7		40.7		mg/Kg
7440-48-4	Cobalt	SW6010B	12/02/2014 10:36	5	1.17	11.6		11.6		mg/Kg
7440-50-8	Copper	SW6010B	12/02/2014 10:36	5	2.34	26.4		26.4		mg/Kg
7439-92-1	Lead	SW6010B	12/02/2014 10:36	5	2.34	6.65		6.65		mg/Kg
7439-98-7	Molybdenum	SW6010B	12/02/2014 10:36	5	2.34	2.34	U	2.34	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/02/2014 10:36	5	2.34	25.1		25.1		mg/Kg
7782-49-2	Selenium	SW6010B	12/02/2014 10:36	5	3.5	3.5	U	3.5	U	mg/Kg
7440-22-4	Silver	SW6010B	12/02/2014 10:36	5	1.75	1.75	U	1.75	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/02/2014 10:36	5	11.7	11.7	U	11.7	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/02/2014 10:36	5	1.17	63.1		63.1		mg/Kg
7440-66-6	Zinc	SW6010B	12/02/2014 10:36	5	5.84	83.7		83.7		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD005**Location ID: **NA**Lab Sample ID: **440-94483-5**Sample Type: **Site Sample**Sample Matrix : **Soil**Total/Dissolved: **T**Sample Date: **11/26/2014 16:35**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/02/2014 14:24	1	0.0274	0.0844		0.0844		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD005**Location ID: **NA**Lab Sample ID: **440-94483-5DL**Sample Type: **Site Sample**Sample Matrix : **Soil**Sample Date: **11/26/2014 16:35**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/02/2014 10:34	5	13.6	13.6	U	13.6	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/02/2014 10:34	5	4.08	4.08	U	4.08	U	mg/Kg
7440-39-3	Barium	SW6010B	12/02/2014 10:34	5	2.04	2380		2380		mg/Kg
7440-41-7	Beryllium	SW6010B	12/02/2014 10:34	5	0.679	0.679	U	0.679	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/02/2014 10:34	5	0.679	0.679	U	0.679	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/02/2014 10:34	5	1.36	29.7		29.7		mg/Kg
7440-48-4	Cobalt	SW6010B	12/02/2014 10:34	5	1.36	2.87		2.87		mg/Kg
7440-50-8	Copper	SW6010B	12/02/2014 10:34	5	2.72	18		18		mg/Kg
7439-92-1	Lead	SW6010B	12/02/2014 10:34	5	2.72	8.49		8.49		mg/Kg
7439-98-7	Molybdenum	SW6010B	12/02/2014 10:34	5	2.72	2.72	U	2.72	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/02/2014 10:34	5	2.72	21.7		21.7		mg/Kg
7782-49-2	Selenium	SW6010B	12/02/2014 10:34	5	4.08	4.08	U	4.08	U	mg/Kg
7440-22-4	Silver	SW6010B	12/02/2014 10:34	5	2.04	2.04	U	2.04	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/02/2014 10:34	5	13.6	13.6	U	13.6	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/02/2014 10:34	5	1.36	23.7		23.7		mg/Kg
7440-66-6	Zinc	SW6010B	12/02/2014 10:34	5	6.79	118		118		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC005**Location ID: **NA**Lab Sample ID: **440-94483-6**Sample Type: **Site Sample**Sample Matrix : **Soil**Total/Dissolved: **T**Sample Date: **11/26/2014 16:35**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/02/2014 14:26	1	0.0284	0.0915		0.0915		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT009**Location ID: **NA**Lab Sample ID: **440-94483-9**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **11/26/2014 15:20**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/02/2014 13:52	1	0.02	0.02	U	0.02	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT009**Location ID: **NA**Lab Sample ID: **440-94483-9DL**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **11/26/2014 15:20**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/02/2014 10:39	5	9.95	9.95	U	9.95	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/02/2014 10:39	5	2.99	2.99	U	2.99	U	mg/Kg
7440-39-3	Barium	SW6010B	12/02/2014 10:39	5	1.49	1.49	U	1.49	U	mg/Kg
7440-41-7	Beryllium	SW6010B	12/02/2014 10:39	5	0.498	0.498	U	0.498	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/02/2014 10:39	5	0.498	0.498	U	0.498	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/02/2014 10:39	5	0.995	0.995	U	0.995	U	mg/Kg
7440-48-4	Cobalt	SW6010B	12/02/2014 10:39	5	0.995	0.995	U	0.995	U	mg/Kg
7440-50-8	Copper	SW6010B	12/02/2014 10:39	5	1.99	2.73		2.73		mg/Kg
7439-92-1	Lead	SW6010B	12/02/2014 10:39	5	1.99	1.99	U	1.99	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/02/2014 10:39	5	1.99	1.99	U	1.99	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/02/2014 10:39	5	1.99	1.99	U	1.99	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/02/2014 10:39	5	2.99	2.99	U	2.99	U	mg/Kg
7440-22-4	Silver	SW6010B	12/02/2014 10:39	5	1.49	1.49	U	1.49	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/02/2014 10:39	5	9.95	9.95	U	9.95	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/02/2014 10:39	5	0.995	0.995	U	0.995	U	mg/Kg
7440-66-6	Zinc	SW6010B	12/02/2014 10:39	5	4.98	4.98	U	4.98	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventional**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: SACAC1126SL003

Sample Matrix : Water

Location ID: NA

Lab Sample ID: 440-94483-1

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
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Method: SM4500CI G

Chlorine, Total Residual 11/26/2014 15:05 12/02/2014 10:23 1 0.1 1.14 HF 1.14 J mg/L \*

DF = Dilution Factor RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect J = Estimated R = Rejected



**Form 1 Data Sheet - Conventional**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT011**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-11**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
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**Method:** SM4500CI G

Chlorine, Total Residual 11/26/2014 15:40 12/02/2014 10:23 1 0.1 1.2 HF 1.2 J mg/L \*

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT011**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-11DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:40	12/02/2014 18:53	100	50	50	U	50	UJ	mg/L
Chloride	11/26/2014 15:40	12/02/2014 19:46	2000	1000	15600		15600		mg/L
Fluoride	11/26/2014 15:40	12/02/2014 18:53	100	50	50	U	50	U	mg/L
Nitrate as N	11/26/2014 15:40	12/02/2014 18:53	100	11	11	U H	11	UJ	mg/L
Nitrate as NO3	11/26/2014 15:40	12/02/2014 18:53	100	50	50	U H	50	UJ	mg/L
Nitrate Nitrite as N	11/26/2014 15:40	12/03/2014 14:20	500	75	75	U H	75	UJ	mg/L
Nitrite as N	11/26/2014 15:40	12/03/2014 14:20	500	75	75	U H	75	UJ	mg/L
Nitrite as NO2	11/26/2014 15:40	12/03/2014 14:20	500	250	250	U H	250	UJ	mg/L
Orthophosphate as P	11/26/2014 15:40	12/02/2014 18:53	100	16	16	U H	16	UJ	mg/L
Orthophosphorus as PO4	11/26/2014 15:40	12/02/2014 18:53	100	50	50	U H	50	UJ	mg/L
Sulfate	11/26/2014 15:40	12/02/2014 18:53	100	50	166		166	J	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT012**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-94483-14DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:55	12/09/2014 0:03	1000	50000	50000	U	50000	U	mg/Kg
Chloride	11/26/2014 15:55	12/09/2014 0:03	1000	50000	63700		63700		mg/Kg
Fluoride	11/26/2014 15:55	12/09/2014 0:03	1000	50000	50000	U	50000	U	mg/Kg
Nitrate as N	11/26/2014 15:55	12/09/2014 0:03	1000	11000	11000	U	11000	U	mg/Kg
Nitrate as NO3	11/26/2014 15:55	12/09/2014 0:03	1000	50000	50000	U	50000	U	mg/Kg
Nitrate Nitrite as N	11/26/2014 15:55	12/09/2014 0:03	1000	15000	15000	U	15000	U	mg/Kg
Nitrite as N	11/26/2014 15:55	12/09/2014 0:03	1000	15000	15000	U	15000	U	mg/Kg
Nitrite as NO2	11/26/2014 15:55	12/09/2014 0:03	1000	50000	50000	U	50000	U	mg/Kg
Orthophosphate as P	11/26/2014 15:55	12/09/2014 0:03	1000	16000	16000	U	16000	U	mg/Kg
Orthophosphorus as PO4	11/26/2014 15:55	12/09/2014 0:03	1000	50000	50000	U	50000	U	mg/Kg
Sulfate	11/26/2014 15:55	12/09/2014 0:03	1000	50000	50000	U	50000	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT013**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-94483-15DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 16:00	12/09/2014 0:38	10000	500000	500000	U	500000	U	mg/Kg
Chloride	11/26/2014 16:00	12/09/2014 0:38	10000	500000	783000		783000		mg/Kg
Fluoride	11/26/2014 16:00	12/09/2014 0:38	10000	500000	500000	U	500000	U	mg/Kg
Nitrate as N	11/26/2014 16:00	12/09/2014 0:38	10000	110000	110000	U	110000	U	mg/Kg
Nitrate as NO3	11/26/2014 16:00	12/09/2014 0:38	10000	500000	500000	U	500000	U	mg/Kg
Nitrate Nitrite as N	11/26/2014 16:00	12/09/2014 0:38	10000	150000	150000	U	150000	U	mg/Kg
Nitrite as N	11/26/2014 16:00	12/09/2014 0:38	10000	150000	150000	U	150000	U	mg/Kg
Nitrite as NO2	11/26/2014 16:00	12/09/2014 0:38	10000	500000	500000	U	500000	U	mg/Kg
Orthophosphate as P	11/26/2014 16:00	12/09/2014 0:38	10000	160000	160000	U	160000	U	mg/Kg
Orthophosphorus as PO4	11/26/2014 16:00	12/09/2014 0:38	10000	500000	500000	U	500000	U	mg/Kg
Sulfate	11/26/2014 16:00	12/09/2014 0:38	10000	500000	500000	U	500000	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: SACAC1126TT008

Sample Matrix : Soil

Location ID: NA

Lab Sample ID: 440-94483-18

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/26/2014 15:00	12/18/2014 15:48	1	0.1	63		63		%
<b>Method:</b> Solids									
Percent Solids	11/26/2014 15:00	12/18/2014 15:48	1	0.1	37		37		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT008**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-18DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:00	12/09/2014 1:48	100	1350	1350	U	1350	U	mg/Kg
Chloride	11/26/2014 15:00	12/09/2014 1:48	100	1350	1350	U	1350	U	mg/Kg
Fluoride	11/26/2014 15:00	12/09/2014 1:48	100	1350	3930		3930		mg/Kg
Nitrate as N	11/26/2014 15:00	12/09/2014 1:48	100	297	297	U	297	U	mg/Kg
Nitrate as NO3	11/26/2014 15:00	12/09/2014 1:48	100	1350	1350	U	1350	U	mg/Kg
Nitrate Nitrite as N	11/26/2014 15:00	12/09/2014 1:48	100	406	406	U	406	U	mg/Kg
Nitrite as N	11/26/2014 15:00	12/09/2014 1:48	100	406	406	U	406	U	mg/Kg
Nitrite as NO2	11/26/2014 15:00	12/09/2014 1:48	100	1350	1350	U	1350	U	mg/Kg
Orthophosphate as P	11/26/2014 15:00	12/09/2014 1:48	100	433	6830		6830		mg/Kg
Orthophosphorus as PO4	11/26/2014 15:00	12/09/2014 1:48	100	1350	20900		20900		mg/Kg
Sulfate	11/26/2014 15:00	12/09/2014 1:48	100	1350	4580		4580		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SL003**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-1DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:05	12/02/2014 23:04	50	25	25	U	25	U	mg/L
Chloride	11/26/2014 15:05	12/02/2014 21:18	500	250	1690		1690		mg/L
Fluoride	11/26/2014 15:05	12/02/2014 23:04	50	25	25	U	25	U	mg/L
Nitrate as N	11/26/2014 15:05	12/02/2014 23:04	50	5.5	20	H	20	J	mg/L
Nitrate as NO3	11/26/2014 15:05	12/02/2014 23:04	50	25	88.4	H	88.4	J	mg/L
Nitrate Nitrite as N	11/26/2014 15:05	12/02/2014 23:04	50	7.5	20	H	20	J	mg/L
Nitrite as N	11/26/2014 15:05	12/02/2014 23:04	50	7.5	7.5	U H	7.5	UJ	mg/L
Nitrite as NO2	11/26/2014 15:05	12/02/2014 23:04	50	25	25	U H	25	UJ	mg/L
Orthophosphate as P	11/26/2014 15:05	12/02/2014 23:04	50	8	8	U H	8	UJ	mg/L
Orthophosphorus as PO4	11/26/2014 15:05	12/02/2014 23:04	50	25	25	U H	25	UJ	mg/L
Sulfate	11/26/2014 15:05	12/02/2014 21:18	500	250	2750		2750		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventional**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: SACAC1126SC003

Sample Matrix : Water

Location ID: NA

Lab Sample ID: 440-94483-2

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SM4500CI G									
Chlorine, Total Residual	11/26/2014 15:30	12/02/2014 10:23	1	0.1	0.84	HF	0.84	J	mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventional**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC003**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-94483-2DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:30	12/02/2014 23:22	50	25	25	U	25	U	mg/L
Chloride	11/26/2014 15:30	12/02/2014 21:54	500	250	1570		1570		mg/L
Fluoride	11/26/2014 15:30	12/02/2014 23:22	50	25	25	U	25	U	mg/L
Nitrate as N	11/26/2014 15:30	12/02/2014 23:22	50	5.5	21.5	H	21.5	J	mg/L
Nitrate as NO3	11/26/2014 15:30	12/02/2014 23:22	50	25	95.3	H	95.3	J	mg/L
Nitrate Nitrite as N	11/26/2014 15:30	12/02/2014 23:22	50	7.5	21.5	H	21.5	J	mg/L
Nitrite as N	11/26/2014 15:30	12/02/2014 23:22	50	7.5	7.5	U H	7.5	UJ	mg/L
Nitrite as NO2	11/26/2014 15:30	12/02/2014 23:22	50	25	25	U H	25	UJ	mg/L
Orthophosphate as P	11/26/2014 15:30	12/02/2014 23:22	50	8	8	U H	8	UJ	mg/L
Orthophosphorus as PO4	11/26/2014 15:30	12/02/2014 23:22	50	25	25	U H	25	UJ	mg/L
Sulfate	11/26/2014 15:30	12/02/2014 21:54	500	250	2550		2550		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: SACAC1126SD003

Sample Matrix : Soil

Location ID: NA

Lab Sample ID: 440-94483-3

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/26/2014 15:20	12/18/2014 15:48	1	0.1	59		59		%
<b>Method:</b> Solids									
Percent Solids	11/26/2014 15:20	12/18/2014 15:48	1	0.1	41		41		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD003**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-3DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:20	12/08/2014 20:31	100	1210	1210	U	1210	U	mg/Kg
Chloride	11/26/2014 15:20	12/08/2014 20:31	100	1210	24300		24300		mg/Kg
Fluoride	11/26/2014 15:20	12/08/2014 20:31	100	1210	1210	U	1210	U	mg/Kg
Nitrate as N	11/26/2014 15:20	12/08/2014 20:31	100	266	266	U	266	U	mg/Kg
Nitrate as NO3	11/26/2014 15:20	12/08/2014 20:31	100	1210	1210	U	1210	U	mg/Kg
Nitrate Nitrite as N	11/26/2014 15:20	12/08/2014 20:31	100	363	363	U	363	U	mg/Kg
Nitrite as N	11/26/2014 15:20	12/08/2014 20:31	100	363	363	U	363	U	mg/Kg
Nitrite as NO2	11/26/2014 15:20	12/08/2014 20:31	100	1210	1210	U	1210	U	mg/Kg
Orthophosphate as P	11/26/2014 15:20	12/08/2014 20:31	100	387	387	U	387	U	mg/Kg
Orthophosphorus as PO4	11/26/2014 15:20	12/08/2014 20:31	100	1210	1210	U	1210	U	mg/Kg
Sulfate	11/26/2014 15:20	12/08/2014 20:31	100	1210	67800		67800		mg/Kg
<b>Method:</b> SM4500Cl G									
Chlorine, Total Residual	11/26/2014 15:20	12/03/2014 17:51	10	10	44.2		44.2	J	mg/Kg
								*	

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-4**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/26/2014 15:50	12/18/2014 15:48	1	0.1	15		15		%
<b>Method:</b> Solids									
Percent Solids	11/26/2014 15:50	12/18/2014 15:48	1	0.1	85		85		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD004**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-4DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:50	12/08/2014 21:07	100	590	590	U	590	U	mg/Kg
Chloride	11/26/2014 15:50	12/08/2014 21:07	100	590	1820		1820		mg/Kg
Fluoride	11/26/2014 15:50	12/08/2014 21:07	100	590	590	U	590	U	mg/Kg
Nitrate as N	11/26/2014 15:50	12/08/2014 21:07	100	130	130	U	130	U	mg/Kg
Nitrate as NO3	11/26/2014 15:50	12/08/2014 21:07	100	590	590	U	590	U	mg/Kg
Nitrate Nitrite as N	11/26/2014 15:50	12/08/2014 21:07	100	177	177	U	177	U	mg/Kg
Nitrite as N	11/26/2014 15:50	12/08/2014 21:07	100	177	177	U	177	U	mg/Kg
Nitrite as NO2	11/26/2014 15:50	12/08/2014 21:07	100	590	590	U	590	U	mg/Kg
Orthophosphate as P	11/26/2014 15:50	12/08/2014 21:07	100	189	189	U	189	U	mg/Kg
Orthophosphorus as PO4	11/26/2014 15:50	12/08/2014 21:07	100	590	590	U	590	U	mg/Kg
Sulfate	11/26/2014 15:50	12/09/2014 10:49	10000	59000	1140000		1140000		mg/Kg
<b>Method:</b> SM4500Cl G									
Chlorine, Total Residual	11/26/2014 15:50	12/03/2014 17:51	5	5.14	31.9		31.9	J	mg/Kg
								*	

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: SACAC1126SD005

Sample Matrix : Soil

Location ID: NA

Lab Sample ID: 440-94483-5

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/26/2014 16:35	12/18/2014 15:48	1	0.1	27		27		%
<b>Method:</b> SM4500CL G									
Chlorine, Total Residual	11/26/2014 16:35	12/03/2014 17:51	1	1	1	U	1	UJ	mg/Kg
<b>Method:</b> Solids									
Percent Solids	11/26/2014 16:35	12/18/2014 15:48	1	0.1	73		73		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SD005**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-5DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 16:35	12/09/2014 11:06	10	68.6	68.6	U	68.6	U	mg/Kg
Chloride	11/26/2014 16:35	12/08/2014 22:17	100	686	9400		9400		mg/Kg
Fluoride	11/26/2014 16:35	12/09/2014 11:06	10	68.6	68.6	U	68.6	U	mg/Kg
Nitrate as N	11/26/2014 16:35	12/08/2014 22:17	100	151	656		656		mg/Kg
Nitrate as NO3	11/26/2014 16:35	12/08/2014 22:17	100	686	2900		2900		mg/Kg
Nitrate Nitrite as N	11/26/2014 16:35	12/08/2014 22:17	100	206	656		656		mg/Kg
Nitrite as N	11/26/2014 16:35	12/09/2014 11:06	10	20.6	20.6	U	20.6	U	mg/Kg
Nitrite as NO2	11/26/2014 16:35	12/09/2014 11:06	10	68.6	68.6	U	68.6	U	mg/Kg
Orthophosphate as P	11/26/2014 16:35	12/09/2014 11:06	10	22	23.6		23.6		mg/Kg
Orthophosphorus as PO4	11/26/2014 16:35	12/09/2014 11:06	10	68.6	72.2		72.2		mg/Kg
Sulfate	11/26/2014 16:35	12/08/2014 22:17	100	686	6410		6410		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC005**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-6**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	11/26/2014 16:35	12/18/2014 15:48	1	0.1	30		30		%
<b>Method:</b> SM4500CL G									
Chlorine, Total Residual	11/26/2014 16:35	12/03/2014 17:51	1	0.999	0.999	U	0.999	UJ	mg/Kg
<b>Method:</b> Solids									
Percent Solids	11/26/2014 16:35	12/18/2014 15:48	1	0.1	70		70		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126SC005**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-94483-6DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 16:35	12/09/2014 11:24	10	70.5	87		87		mg/Kg
Chloride	11/26/2014 16:35	12/08/2014 22:52	100	705	8580		8580		mg/Kg
Fluoride	11/26/2014 16:35	12/09/2014 11:24	10	70.5	70.5	U	70.5	U	mg/Kg
Nitrate as N	11/26/2014 16:35	12/08/2014 22:52	100	155	856		856		mg/Kg
Nitrate as NO3	11/26/2014 16:35	12/08/2014 22:52	100	705	3790		3790		mg/Kg
Nitrate Nitrite as N	11/26/2014 16:35	12/08/2014 22:52	100	211	856		856		mg/Kg
Nitrite as N	11/26/2014 16:35	12/09/2014 11:24	10	21.1	21.1	U	21.1	U	mg/Kg
Nitrite as NO2	11/26/2014 16:35	12/09/2014 11:24	10	70.5	70.5	U	70.5	U	mg/Kg
Orthophosphate as P	11/26/2014 16:35	12/09/2014 11:24	10	22.6	22.6	U	22.6	U	mg/Kg
Orthophosphorus as PO4	11/26/2014 16:35	12/09/2014 11:24	10	70.5	70.5	U	70.5	U	mg/Kg
Sulfate	11/26/2014 16:35	12/08/2014 22:52	100	705	4090		4090		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 94483-1

COC Sample ID: **SACA1126TT009**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-94483-9DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	11/26/2014 15:20	12/08/2014 23:28	1000	50000	50000	U	50000	U	mg/Kg
Chloride	11/26/2014 15:20	12/08/2014 23:28	1000	50000	71200		71200		mg/Kg
Fluoride	11/26/2014 15:20	12/08/2014 23:28	1000	50000	50000	U	50000	U	mg/Kg
Nitrate as N	11/26/2014 15:20	12/08/2014 23:28	1000	11000	11000	U	11000	U	mg/Kg
Nitrate as NO3	11/26/2014 15:20	12/08/2014 23:28	1000	50000	50000	U	50000	U	mg/Kg
Nitrate Nitrite as N	11/26/2014 15:20	12/08/2014 23:28	1000	15000	15000	U	15000	U	mg/Kg
Nitrite as N	11/26/2014 15:20	12/08/2014 23:28	1000	15000	15000	U	15000	U	mg/Kg
Nitrite as NO2	11/26/2014 15:20	12/08/2014 23:28	1000	50000	50000	U	50000	U	mg/Kg
Orthophosphate as P	11/26/2014 15:20	12/08/2014 23:28	1000	16000	16000	U	16000	U	mg/Kg
Orthophosphorus as PO4	11/26/2014 15:20	12/08/2014 23:28	1000	50000	50000	U	50000	U	mg/Kg
Sulfate	11/26/2014 15:20	12/08/2014 23:28	1000	50000	50000	U	50000	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected





## **Appendix II**

### **Chain of Custody**

TestAmerica Irvine

17461 Berian Ave  
Suite 100Irvine, CA 92614  
Phone: 949.261.1022 Fax:

440-94483 Chain of Custody

## Chain of Custody Record

027400

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING  
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program:  DW  NPDES  RCRA  Other.

Client Contact		Project Manager: Kyli Bennett		Site Contact:		Date: 11/26/14	COC No:		
Company Name: CTET		Tel/Fax:		Lab Contact:		of COCs			
Address: 5120 N Shire Dr		Analysis Turnaround Time				Sampler:			
City/State/Zip: N Little Rock AR 72118		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS				For Lab Use Only:			
Phone: 501 841 8500		TAT if different from Below				Walk-in Client: <input type="checkbox"/>			
Fax: kbennett@cteh.com		<input type="checkbox"/> 2 weeks				Lab Sampling: <input type="checkbox"/>			
Project Name: Mission Incident 106546		<input type="checkbox"/> 1 week				Job / SDG No.: <input type="checkbox"/>			
Site: 106546		<input type="checkbox"/> 2 days							
P.O. #		<input checked="" type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
SACA1126SL003		11/26/14	15:05	G	SL	5	X X X X		
SACA1126SC003			15:30	G	SL	5	X X X X		
SACA1126SD003			15:20	G	SD	2	X X X X		
SACA1126SD004			15:50	G	SD	1	X X X X		
SACA1126SD005			16:35	G	SD	1	X X X X		
SACA1126SC005			16:35	G	SD	1	X X X X		
SACA1123TB007		11/23/14		TB	2		X		
SACA1124TT008		11/26/14	16:00	G		2	X X X X		
SACA1124TT009			15:26	G		5	X X X X		
SACA1124TT010			15:36	G		5	X X X X		
SACA1124TT011			15:40	G		5	X X X X		
SACA1124TT011MS			15:40	G		5	X X X X		
Preservation Used: 1=Ice, 2=HCl; 3=H <sub>2</sub> SO <sub>4</sub> ; 4=HNO <sub>3</sub> ; 5=NaOH; 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)									
Special Instructions/QC Requirements & Comments: Email to: kbennett@cteh.com, labresults@cteh.com, skluska@cteh.com, duncan.martin.tom@epa.gov, daniel.martinez-anger.martin.purcell@epa.gov, christopher.nyquist.westconsolutions.com									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No: 1		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____	Therm ID No.: _____		
Relinquished by: <i>Frank</i>		Company: CTET	Date/Time: 11/28/14 7:10	Received by: <i>Shahriarabi</i>	Company: DCS	Date/Time: 11/28/14 7:10			
Relinquished by: <i>John O'Neill RT</i>		Company: DCS	Date/Time: 11/28/14 9:33am	Received by: <i>John O'Neill RT</i>	Company: DCS	Date/Time: 11/28/14 9:33am			
Relinquished by: <i>John O'Neill RT</i>		Company: DCS	Date/Time: 11/28/14 9:33am	Received in Laboratory by: <i>John O'Neill RT</i>	Company: TAI	Date/Time: 11/28/14 09:23			

4.4/4.2°, 2.8/2.6°, 2.1/1.9°, 2.5/2.3°, R-TI

UTC Shahriarabi Record

## TestAmerica Irvine

17461 Dorian Ave  
Suite 100  
Irvine, CA 92614  
Phone: 949.261.1022 Fax:

## Chain of Custody Record

027399

## TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: Kyle Bennett		Site Contact:		Date: 11.26.14	COC No. _____ of ____ COCs
Company Name: CTEH Address: 5120 Northshore Drive City/State/Zip: Little Rock, AR 72118 Phone: 501.851.8500 Fax: Project Name: Mission Incident 1046844 Site: 1046844 PO#		Tel/Fax: 501.747.4787		Lab Contact:		Carrier:	Sampler:
		Analysis Turnaround Time					For Lab Use Only:
		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS					Walk-in Client:
		TAT if different from Below					Lab Sampling:
		<input type="checkbox"/>	2 weeks				Job / SDG No.:
		<input type="checkbox"/>	1 week				
		<input type="checkbox"/>	2 days				
		<input checked="" type="checkbox"/>	1 day				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:
SAC-A1124 TT#11MSD	11.26.14	1540	G	5 <sup>product</sup>	VOCs	X X X X	NOT USED
SAC-A1125 TT#12	11.26.14	1555	G	5 <sup>product</sup>	SVCs	X X X X	11-26-14
SAC-A1126 TT#13	11.26.14	1600	G	5 <sup>product</sup>	TRPH	X X X X	11-26-14
SAC-A1123 TB#04	11.23.14		water	2	Metals	X X X X	11-26-14
SAC-A1123 TB#04	11.23.14		water	2			
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months
Special Instructions/QC Requirements & Comments: Christopher.Myers@westonsolutions.com							
EMAIL TO: klmeltz@cteh.com; larslutz@cteh.com; sklusk@cteh.com; funk@man-tamr.epa.gov; perrell.martin@epa.gov							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.:			
Relinquished by: <i>Shafiq NABI</i>		Company: CTEH	Date/Time: 11-28-14 7:10	Received by: <i>Shafiq NABI</i>	Company: DCS	Date/Time: 11-28-14 7:10	
Relinquished by: <i>Shafiq NABI</i>		Company: DCS	Date/Time: 11-28-14 9:23 am	Received by:	Company:	Date/Time:	
Relinquished by:		Company:	Date/Time:	Received in Laboratory by: <i>MJC</i>	Company: TAI	Date/Time: 11-28-14 9:23	

44/38°C, 2.8/2.0°C, 2/11.3°C, 2.5/1.7°C, 0.0/0.0°C, 11-28-14 UTC = Shafiq NABI *Shafiq NABI*

4.4/4.2°C, 2.8/2.6°C, 2.1/1.9°C, 2.5/2.3°C

Attachment I

Level 2 Validated

Lab Report J96977-1

## **Data Verification Report (Level 2)**

**Project 106846: Santa Paula, CA**

**Client: CTEH**

Report #: 96977-1

Date: January 2, 2015



Environmental Data Professional, LLC  
1432 Watkins Street • Lake Charles, LA 70601 • phone: 337-540-0036 • fax: 337-478-6061

**Disclaimer:**

The review performed and reported herein is based on specifications and procedures presented to eDATapro with the associated data package. Any qualifications or review not specified with package requirements was based on USEPA National Functional Guidelines for Inorganic and Organic Data Review.

Information contained in this report is based solely on the hardcopy and/or electronic deliverables that were submitted to eDATapro. eDATapro reserves the rights to modify or change the report if new information is presented or if this report is determined to be inaccurate or incomplete.

The following parameters were reviewed during the verification process:

**Chain-of-Custody (COC):** Completeness and sample custody

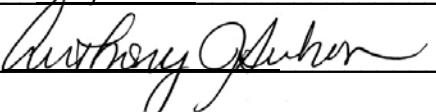
**Holding time:** Compare collection date versus preparation and/or analysis date

**Blank Contamination:** Laboratory and field blanks

**Matrix/Precision/Recovery:** Surrogates, Internal Standards, Duplicates, Blank spike and blank spike duplicate samples (when applicable)

**Standards:** Detection limit standard and continuing calibration verification (when applicable)

Reviewed by: Tony Duhon

Signature: 

## INTRODUCTION:

Project Name: 106846 – Santa Paula, CA

Laboratory: Test America Laboratories

Laboratory Package No.: 96977-1

Matrix: Product

Environmental Data Professional, LLC (eDATapro) received one electronic Level II data package containing the results for seven field samples and two trip blanks. Level II verification was performed on the data utilizing *USEPA National Functional Guidelines for Organic Data Review*, *USEPA National Functional Guidelines for Inorganic Data Review* and the analytical methods.

The following samples were reviewed:

<b>Sample ID</b>	<b>Lab ID</b>	<b>Collection Date</b>	<b>Analyses</b>
1215-256093	440-96977-1	12/15/2014 04:06 PM	[1,3,5-10]
1215-PT008	440-96977-2	12/15/2014 03:30 PM	[1,3,5-10]
1216-1468	440-96977-3	12/16/2014 09:35 AM	[1,3,5-10]
1216-T38	440-96977-4	12/16/2014 10:08 AM	[1-9]
1216-35792	440-96977-5	12/16/2014 10:56 AM	[1-10]
1216-FT095	440-96977-6	12/16/2014 11:04 AM	[1-10]
1215-251526	440-96977-7	12/15/2014 03:49 PM	[1,3,5-10]
1216-TB001	440-96977-10	12/16/2014 12:01 AM	[1]
1216-TB002	440-96977-11	12/16/2014 12:01 AM	[1]
1215-256093	440-96977-12	12/15/2014 04:06 PM	[2,4,11]
1215-PT008	440-96977-13	12/15/2014 03:30 PM	[2,4]
1216-1468	440-96977-14	12/16/2014 09:35 AM	[2,4]
1215-251526	440-96977-15	12/16/2014 03:49 PM	[2,4,11]

Analyses Performed Codes:

[1] Volatile Organics	EPA 8260B
[2] Semivolatile Organics	EPA 8270C
[3] Gasoline Range Organics; GRO (C4-C12)	EPA 8015B
[4] Diesel Range Organics; C13-C22, C23-C40	EPA 8015B
[5] ICP Metals	EPA 6010B
[6] Mercury	EPA 7471A
[7] Flashpoint/Ignitability	EPA 1010
[8] pH	EPA 9045C
[9] Anions, Ion Chromatography	MCAWW 300.0
[10] Residual Chlorine	SM4500CI G
[11] Percent Moisture/Percent Solids	**

\*\*no method citation provided

## DATA REVIEW FINDINGS SUMMARY

### I. General Package:

A data package was received from the laboratory on December 30, 2014. A revised report was issued to correct a data entry result error.

Four field samples; 1215-256093, 1215-PT008, 1216-1468 and 1215-251526, were split into two laboratory portions and assigned unique laboratory sample IDs due to multi-matrix non-miscibility.

The laboratory assigned an artificial collection time to the trip blank samples for the purpose of checking adherence to holding time. This artificial time was removed.

When necessary, dilution analyses were performed to minimize sample matrix interference and/or obtain analyte measurements within the linear range of calibration. Reporting limits were adjusted accordingly.

In certain situations, the laboratory applied asterisks (\*) to results potentially affected by QA/QC exceedences. When the application of validation qualifiers was not necessary, these laboratory notations were removed.

Target analyte results for soil samples were corrected for moisture content; reported on a dry-weight basis.

### II. Volatile Organics (EPA 8260B):

The laboratory noted that the recovery of Chloroethane in the continuing calibration verification (CCV) analysis associated with batch 225381 exceeded upper acceptance criteria. This analyte was not detected in the associated field samples. No data qualifications were necessary.

Recoveries of Bromoform and/or Tetrachloroethene in the laboratory control sample analyses (LCS/LCSD) for analytical batches 225381 and 225455 exceeded upper acceptance criteria. These analytes were not detected in the associated field samples. The asterisk \*\* laboratory notations attached to these results were removed.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

### III. Semivolatile Organics (EPA 8270C):

The laboratory noted that the recovery of 2,2'-oxybis(1-chloropropane) in the CCV analysis associated with batch 225913 exceeded upper acceptance criteria. This analyte was not detected in the associated field samples. No data qualifications were necessary.

Recoveries of surrogate analyte(s) in samples 1216-T38, 1216-35792 and 1216-FT095 exceeded acceptance criteria; however, the sample extracts were significantly diluted prior to analysis which altered the amounts of surrogate in the extracts.

Evaluation of the surrogate recoveries did not apply to these samples, and no data qualifications were necessary.

The laboratory noted that insufficient sample material was available to perform matrix spike analyses (MS/MSD) data for preparation batches 225597 and 225608; therefore, matrix specific precision and accuracy could not be reviewed. The laboratory did provide LCS and LCSD analyses. Recoveries of Benzo(a)pyrene and Benzo(b)fluoranthene in the LCS and/or LCSD analyses for preparation batches 225597 and 225557 exceeded upper acceptance criteria. Comparisons between measurements of Benzidine and Hexachlorocyclopentadiene in the LCS and LCSD of batch 225597 and Hexachlorocyclopentadiene in the LCS and LCSD of batch 225608 exceeded precision acceptance criteria. These analytes were not detected in any associated field samples. The asterisk “\*” laboratory notations attached to these results were removed.

Recoveries of Benzidine and Benzoic Acid in the MS and MSD for preparation batch 225557 exceeded acceptance criteria; however, the parent sample originated from a separate SDG. Confirmation of matrix similarity is outside the scope of Level II data review. The laboratory provided a LCS with acceptable recoveries except as indicated above. No data qualifications were necessary.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **IV. Gasoline Range Organics – GRO (EPA 8015B):**

Recoveries of surrogate analyte 4-Bromofluorobenzene in samples 1216-35792 and 1215-251526 exceeded lower and upper acceptance criteria, respectively. The GRO results for these two samples were modified to estimate (J).

Matrix spike data were not presented by the laboratory for this method; therefore, matrix specific precision and accuracy could not be reviewed. The laboratory provided a LCS and LCSD with acceptable recoveries and precision indicating the method was in control.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **V. Diesel Range Organics – DRO (EPA 8015B):**

Recoveries of the surrogate analyte in samples 1216-FT095, 1216-35792, 1215-256093, 1216-1468 and 1215-251526 exceeded acceptance criteria; however, the sample extracts were significantly diluted prior to analysis which altered the amounts of surrogate in the extracts. Evaluation of the surrogate recoveries did not apply to these samples, and no data qualifications were necessary.

The laboratory noted that insufficient sample material was available to perform matrix spike analyses for water preparation batch 225515; therefore, matrix specific precision and accuracy could not be reviewed. The laboratory provided a LCS and LCSD with acceptable recoveries and precision indicating the method was in control.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **VI. ICP Metals (EPA 6010B):**

Recoveries of Barium in the MS and MSD analyses of samples 1215-256093 exceeded acceptance criteria; however, the concentration of this analyte in the parent sample was significantly greater than the amount of spike added. No data qualifications were necessary.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **VII. Mercury (EPA 7471A):**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.

#### **VIII. Anions, Ion Chromatography (MCAWW 300.0):**

Matrix spike data were not presented for Bromide and Chloride by this method for analytical batch 225211; therefore, matrix specific precision and accuracy could not be reviewed. The laboratory provided a LCS with acceptable recoveries indicating the method was in control.

The laboratory noted that the recovery of Nitrite in the CCV analysis associated with batch 225210 exceeded upper acceptance criteria. This analyte was not detected in the associated field samples. No data qualifications were necessary.

Recoveries of Nitrogen and Phosphate analytes in the MS and MSD analyses for analytical batch 225210 exceeded acceptance criteria; however, the parent sample originated from a separate SDG. Confirmation of matrix similarity is outside the scope of Level II data review. The laboratory provided a LCS with acceptable recoveries indicating the method was in control.

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

#### **IX. Residual Chlorine (SM4500Cl G):**

Analyses for Residual Chlorine in field samples were performed after expiration of the method holding time. Results for this analyte in these samples were modified to either estimate (J) or non-detect estimate (UJ).

All other quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria.

**X. Percent Moisture/Percent Solids:**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.

**XI. Flashpoint:**

The laboratory noted that the temperature of sample 1215-251526 would not rise above 177 degrees Fahrenheit when maximum heat was applied. The maximum temperature to record a flashpoint should be 201 degrees Fahrenheit. The laboratory reported the result for sample 1215-251526 as >177 degrees Fahrenheit.

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.

**XII. pH:**

All quality assurance and quality control (QA/QC) components presented by the laboratory satisfied method and data review acceptance criteria. No data qualifications were necessary.



**Appendix I**  
**Form 1 Data (Qualified)**

**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1216-TB001**
**Location ID: NA**
**Lab Sample ID: 440-96977-10**
**Sample Type: Trip Blank**
**Method: SW8260B**
**Sample Matrix : Water**
**Sample Date: 12/16/2014**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/18/2014 2:13**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1	5		5 U	5	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2		2 U	2	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2		2 U	2	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2		2 U	2	U	ug/L
75-34-3	1,1-Dichloroethane	1	2		2 U	2	U	ug/L
75-35-4	1,1-Dichloroethene	1	5		5 U	5	U	ug/L
563-58-6	1,1-Dichloropropene	1	2		2 U	2	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5		5 U	5	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10		10 U	10	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5		5 U	5	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2		2 U	2	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5		5 U	5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2		2 U	2	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2		2 U	2	U	ug/L
107-06-2	1,2-Dichloroethane	1	2		2 U	2	U	ug/L
78-87-5	1,2-Dichloropropane	1	2		2 U	2	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2		2 U	2	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2		2 U	2	U	ug/L
142-28-9	1,3-Dichloropropane	1	2		2 U	2	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2		2 U	2	U	ug/L
594-20-7	2,2-Dichloropropane	1	2		2 U	2	U	ug/L
95-49-8	2-Chlorotoluene	1	5		5 U	5	U	ug/L
106-43-4	4-Chlorotoluene	1	5		5 U	5	U	ug/L
71-43-2	Benzene	1	2		2 U	2	U	ug/L
108-86-1	Bromobenzene	1	5		5 U	5	U	ug/L
74-97-5	Bromochloromethane	1	5		5 U	5	U	ug/L
75-27-4	Bromodichloromethane	1	2		2 U	2	U	ug/L
75-25-2	Bromoform	1	5		5 U	5	U	ug/L
74-83-9	Bromomethane	1	5		5 U	5	U	ug/L
56-23-5	Carbon tetrachloride	1	5		5 U	5	U	ug/L
108-90-7	Chlorobenzene	1	2		2 U	2	U	ug/L
75-00-3	Chloroethane	1	5		5 U	5	U	ug/L
67-66-3	Chloroform	1	2		2 U	2	U	ug/L
74-87-3	Chloromethane	1	5		5 U	5	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2		2 U	2	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2		2 U	2	U	ug/L
124-48-1	Dibromochloromethane	1	2		2 U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-TB001**

Sample Matrix : Water

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014**Lab: **TAIRV**Lab Sample ID: **440-96977-10**Analysis Date: **12/18/2014 2:13**Sample Type: **Trip Blank**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2		2 U	2	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5		5 U	5	U	ug/L
100-41-4	Ethylbenzene	1	2		2 U	2	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5		5 U	5	U	ug/L
87-68-3	Hexachlorobutadiene	1	5		5 U	5	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5		5 U	5	U	ug/L
98-82-8	Isopropylbenzene	1	2		2 U	2	U	ug/L
179601-23-1	m,p-Xylene	1	2		2 U	2	U	ug/L
75-09-2	Methylene Chloride	1	5		5 U	5	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1		1 U	1	U	ug/L
91-20-3	Naphthalene	1	5		5 U	5	U	ug/L
104-51-8	n-Butylbenzene	1	5		5 U	5	U	ug/L
103-65-1	N-Propylbenzene	1	2		2 U	2	U	ug/L
95-47-6	o-Xylene	1	2		2 U	2	U	ug/L
99-87-6	p-Isopropyltoluene	1	2		2 U	2	U	ug/L
135-98-8	sec-Butylbenzene	1	5		5 U	5	U	ug/L
100-42-5	Styrene	1	2		2 U	2	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5		5 U	5	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10		10 U	10	U	ug/L
98-06-6	tert-Butylbenzene	1	5		5 U	5	U	ug/L
127-18-4	Tetrachloroethene	1	2		2 U	2	U	ug/L
108-88-3	Toluene	1	2		2 U	2	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2		2 U	2	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2		2 U	2	U	ug/L
79-01-6	Trichloroethene	1	2		2 U	2	U	ug/L
75-69-4	Trichlorofluoromethane	1	5		5 U	5	U	ug/L
75-01-4	Vinyl chloride	1	5		5 U	5	U	ug/L
1330-20-7	Xylenes, Total	1	2		2 U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-TB002**Location ID: **NA**Lab Sample ID: **440-96977-11**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **12/16/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/18/2014 2:39**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1	5		5 U	5	U	ug/L
71-55-6	1,1,1-Trichloroethane	1	2		2 U	2	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	2		2 U	2	U	ug/L
79-00-5	1,1,2-Trichloroethane	1	2		2 U	2	U	ug/L
75-34-3	1,1-Dichloroethane	1	2		2 U	2	U	ug/L
75-35-4	1,1-Dichloroethene	1	5		5 U	5	U	ug/L
563-58-6	1,1-Dichloropropene	1	2		2 U	2	U	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	5		5 U	5	U	ug/L
96-18-4	1,2,3-Trichloropropane	1	10		10 U	10	U	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	5		5 U	5	U	ug/L
95-63-6	1,2,4-Trimethylbenzene	1	2		2 U	2	U	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	5		5 U	5	U	ug/L
106-93-4	1,2-Dibromoethane (EDB)	1	2		2 U	2	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	2		2 U	2	U	ug/L
107-06-2	1,2-Dichloroethane	1	2		2 U	2	U	ug/L
78-87-5	1,2-Dichloropropane	1	2		2 U	2	U	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	2		2 U	2	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	2		2 U	2	U	ug/L
142-28-9	1,3-Dichloropropane	1	2		2 U	2	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	2		2 U	2	U	ug/L
594-20-7	2,2-Dichloropropane	1	2		2 U	2	U	ug/L
95-49-8	2-Chlorotoluene	1	5		5 U	5	U	ug/L
106-43-4	4-Chlorotoluene	1	5		5 U	5	U	ug/L
71-43-2	Benzene	1	2		2 U	2	U	ug/L
108-86-1	Bromobenzene	1	5		5 U	5	U	ug/L
74-97-5	Bromochloromethane	1	5		5 U	5	U	ug/L
75-27-4	Bromodichloromethane	1	2		2 U	2	U	ug/L
75-25-2	Bromoform	1	5		5 U	5	U	ug/L
74-83-9	Bromomethane	1	5		5 U	5	U	ug/L
56-23-5	Carbon tetrachloride	1	5		5 U	5	U	ug/L
108-90-7	Chlorobenzene	1	2		2 U	2	U	ug/L
75-00-3	Chloroethane	1	5		5 U	5	U	ug/L
67-66-3	Chloroform	1	2		2 U	2	U	ug/L
74-87-3	Chloromethane	1	5		5 U	5	U	ug/L
156-59-2	cis-1,2-Dichloroethene	1	2		2 U	2	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	2		2 U	2	U	ug/L
124-48-1	Dibromochloromethane	1	2		2 U	2	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-TB002**Location ID: **NA**Lab Sample ID: **440-96977-11**Sample Type: **Trip Blank**Method: **SW8260B**Sample Matrix : **Water**Sample Date: **12/16/2014**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/18/2014 2:39**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1	2	2	U	2	U	ug/L
75-71-8	Dichlorodifluoromethane	1	5	5	U	5	U	ug/L
100-41-4	Ethylbenzene	1	2	2	U	2	U	ug/L
637-92-3	Ethyl-t-butyl ether (ETBE)	1	5	5	U	5	U	ug/L
87-68-3	Hexachlorobutadiene	1	5	5	U	5	U	ug/L
108-20-3	Isopropyl Ether (DIPE)	1	5	5	U	5	U	ug/L
98-82-8	Isopropylbenzene	1	2	2	U	2	U	ug/L
179601-23-1	m,p-Xylene	1	2	2	U	2	U	ug/L
75-09-2	Methylene Chloride	1	5	5	U	5	U	ug/L
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	1	1	U	1	U	ug/L
91-20-3	Naphthalene	1	5	5	U	5	U	ug/L
104-51-8	n-Butylbenzene	1	5	5	U	5	U	ug/L
103-65-1	N-Propylbenzene	1	2	2	U	2	U	ug/L
95-47-6	o-Xylene	1	2	2	U	2	U	ug/L
99-87-6	p-Isopropyltoluene	1	2	2	U	2	U	ug/L
135-98-8	sec-Butylbenzene	1	5	5	U	5	U	ug/L
100-42-5	Styrene	1	2	2	U	2	U	ug/L
994-05-8	Tert-amyl-methyl ether (TAME)	1	5	5	U	5	U	ug/L
75-65-0	tert-Butyl alcohol (TBA)	1	10	10	U	10	U	ug/L
98-06-6	tert-Butylbenzene	1	5	5	U	5	U	ug/L
127-18-4	Tetrachloroethene	1	2	2	U	2	U	ug/L
108-88-3	Toluene	1	2	2	U	2	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1	2	2	U	2	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1	2	2	U	2	U	ug/L
79-01-6	Trichloroethene	1	2	2	U	2	U	ug/L
75-69-4	Trichlorofluoromethane	1	5	5	U	5	U	ug/L
75-01-4	Vinyl chloride	1	5	5	U	5	U	ug/L
1330-20-7	Xylenes, Total	1	2	2	U	2	U	ug/L

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\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Location ID: **NA**Lab Sample ID: **440-96977-1DL**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **12/15/2014 16:06**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/18/2014 0:27**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	100	1240	1240	U	1240	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	100	498	498	U	498	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	498	498	U	498	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	100	498	498	U	498	U	ug/Kg
75-34-3	1,1-Dichloroethane	100	498	498	U	498	U	ug/Kg
75-35-4	1,1-Dichloroethene	100	1240	1240	U	1240	U	ug/Kg
563-58-6	1,1-Dichloropropene	100	498	498	U	498	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	100	1240	1240	U	1240	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	100	2490	2490	U	2490	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	1240	1240	U	1240	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	100	498	498	U	498	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	1240	1240	U	1240	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	100	498	498	U	498	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	498	498	U	498	U	ug/Kg
107-06-2	1,2-Dichloroethane	100	498	498	U	498	U	ug/Kg
78-87-5	1,2-Dichloropropane	100	498	498	U	498	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	498	498	U	498	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	498	498	U	498	U	ug/Kg
142-28-9	1,3-Dichloropropane	100	498	498	U	498	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	498	498	U	498	U	ug/Kg
594-20-7	2,2-Dichloropropane	100	498	498	U	498	U	ug/Kg
95-49-8	2-Chlorotoluene	100	1240	1240	U	1240	U	ug/Kg
106-43-4	4-Chlorotoluene	100	1240	1240	U	1240	U	ug/Kg
71-43-2	Benzene	100	498	498	U	498	U	ug/Kg
108-86-1	Bromobenzene	100	1240	1240	U	1240	U	ug/Kg
74-97-5	Bromochloromethane	100	1240	1240	U	1240	U	ug/Kg
75-27-4	Bromodichloromethane	100	498	498	U	498	U	ug/Kg
75-25-2	Bromoform	100	1240	1240	U	1240	U	ug/Kg
74-83-9	Bromomethane	100	1240	1240	U	1240	U	ug/Kg
56-23-5	Carbon tetrachloride	100	1240	1240	U	1240	U	ug/Kg
108-90-7	Chlorobenzene	100	498	498	U	498	U	ug/Kg
75-00-3	Chloroethane	100	1240	1240	U	1240	U	ug/Kg
67-66-3	Chloroform	100	498	498	U	498	U	ug/Kg
74-87-3	Chloromethane	100	1240	1240	U	1240	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	100	498	498	U	498	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	100	498	498	U	498	U	ug/Kg
124-48-1	Dibromochloromethane	100	498	498	U	498	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/15/2014 16:06**Lab: **TAIRV**Lab Sample ID: **440-96977-1DL**Analysis Date: **12/18/2014 0:27**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	100	498	498	U	498	U	ug/Kg
75-71-8	Dichlorodifluoromethane	100	1240	1240	U	1240	U	ug/Kg
100-41-4	Ethylbenzene	100	498	498	U	498	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	100	1240	1240	U	1240	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	1240	1240	U	1240	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	100	1240	1240	U	1240	U	ug/Kg
98-82-8	Isopropylbenzene	100	498	498	U	498	U	ug/Kg
179601-23-1	m,p-Xylene	100	498	498	U	498	U	ug/Kg
75-09-2	Methylene Chloride	100	4980	4980	U	4980	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	1240	1240	U	1240	U	ug/Kg
91-20-3	Naphthalene	100	1240	1240	U	1240	U	ug/Kg
104-51-8	n-Butylbenzene	100	1240	1240	U	1240	U	ug/Kg
103-65-1	N-Propylbenzene	100	498	498	U	498	U	ug/Kg
95-47-6	o-Xylene	100	498	498	U	498	U	ug/Kg
99-87-6	p-Isopropyltoluene	500	2490	63500		63500		ug/Kg
135-98-8	sec-Butylbenzene	100	1240	1240	U	1240	U	ug/Kg
100-42-5	Styrene	100	498	498	U	498	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	100	1240	1240	U	1240	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	100	24900	24900	U	24900	U	ug/Kg
98-06-6	tert-Butylbenzene	100	1240	1240	U	1240	U	ug/Kg
127-18-4	Tetrachloroethene	100	498	498	U *	498	U	ug/Kg
108-88-3	Toluene	100	498	498	U	498	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	100	498	498	U	498	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	100	498	498	U	498	U	ug/Kg
79-01-6	Trichloroethene	100	498	498	U	498	U	ug/Kg
75-69-4	Trichlorofluoromethane	100	1240	1240	U	1240	U	ug/Kg
75-01-4	Vinyl chloride	100	1240	1240	U	1240	U	ug/Kg
1330-20-7	Xylenes, Total	100	995	995	U	995	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: <b>1215-PT008</b> Location ID: <b>NA</b> Lab Sample ID: <b>440-96977-2DL</b> Sample Type: <b>Site Sample</b> Method: <b>SW8260B</b>		Sample Matrix : Oil Sample Date: <b>12/15/2014 15:30</b> Analysis Date: <b>12/17/2014 23:26</b>			Total/Dissolved: <b>T</b> Lab: <b>TAIRV</b>			
CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	100	2450	2450	U	2450	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	100	980	980	U	980	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	980	980	U	980	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	100	980	980	U	980	U	ug/Kg
75-34-3	1,1-Dichloroethane	100	980	980	U	980	U	ug/Kg
75-35-4	1,1-Dichloroethene	100	2450	2450	U	2450	U	ug/Kg
563-58-6	1,1-Dichloropropene	100	980	980	U	980	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	100	2450	2450	U	2450	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	100	4900	4900	U	4900	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	2450	2450	U	2450	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	100	980	980	U	980	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	2450	2450	U	2450	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	100	980	980	U	980	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	980	980	U	980	U	ug/Kg
107-06-2	1,2-Dichloroethane	100	980	980	U	980	U	ug/Kg
78-87-5	1,2-Dichloropropane	100	980	980	U	980	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	980	980	U	980	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	980	980	U	980	U	ug/Kg
142-28-9	1,3-Dichloropropane	100	980	980	U	980	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	980	980	U	980	U	ug/Kg
594-20-7	2,2-Dichloropropane	100	980	980	U	980	U	ug/Kg
95-49-8	2-Chlorotoluene	100	2450	2450	U	2450	U	ug/Kg
106-43-4	4-Chlorotoluene	100	2450	2450	U	2450	U	ug/Kg
71-43-2	Benzene	100	980	980	U	980	U	ug/Kg
108-86-1	Bromobenzene	100	2450	2450	U	2450	U	ug/Kg
74-97-5	Bromochloromethane	100	2450	2450	U	2450	U	ug/Kg
75-27-4	Bromodichloromethane	100	980	980	U	980	U	ug/Kg
75-25-2	Bromoform	100	2450	2450	U	2450	U	ug/Kg
74-83-9	Bromomethane	100	2450	2450	U	2450	U	ug/Kg
56-23-5	Carbon tetrachloride	100	2450	2450	U	2450	U	ug/Kg
108-90-7	Chlorobenzene	100	980	980	U	980	U	ug/Kg
75-00-3	Chloroethane	100	2450	2450	U	2450	U	ug/Kg
67-66-3	Chloroform	100	980	980	U	980	U	ug/Kg
74-87-3	Chloromethane	100	2450	2450	U	2450	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	100	980	980	U	980	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	100	980	980	U	980	U	ug/Kg
124-48-1	Dibromochloromethane	100	980	980	U	980	U	ug/Kg

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\* = Modified by Validation

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**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/15/2014 15:30**Lab: **TAIRV**Lab Sample ID: **440-96977-2DL**Analysis Date: **12/17/2014 23:26**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	100	980	980	U	980	U	ug/Kg
75-71-8	Dichlorodifluoromethane	100	2450	2450	U	2450	U	ug/Kg
100-41-4	Ethylbenzene	100	980	980	U	980	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	100	2450	2450	U	2450	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	2450	2450	U	2450	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	100	2450	2450	U	2450	U	ug/Kg
98-82-8	Isopropylbenzene	100	980	980	U	980	U	ug/Kg
179601-23-1	m,p-Xylene	100	980	980	U	980	U	ug/Kg
75-09-2	Methylene Chloride	100	9800	9800	U	9800	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	2450	2450	U	2450	U	ug/Kg
91-20-3	Naphthalene	100	2450	2450	U	2450	U	ug/Kg
104-51-8	n-Butylbenzene	100	2450	2450	U	2450	U	ug/Kg
103-65-1	N-Propylbenzene	100	980	980	U	980	U	ug/Kg
95-47-6	o-Xylene	100	980	980	U	980	U	ug/Kg
99-87-6	p-Isopropyltoluene	100	980	980	U	980	U	ug/Kg
135-98-8	sec-Butylbenzene	100	2450	2450	U	2450	U	ug/Kg
100-42-5	Styrene	100	980	980	U	980	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	100	2450	2450	U	2450	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	100	49000	49000	U	49000	U	ug/Kg
98-06-6	tert-Butylbenzene	100	2450	2450	U	2450	U	ug/Kg
127-18-4	Tetrachloroethene	100	980	980	U *	980	U	ug/Kg
108-88-3	Toluene	100	980	980	U	980	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	100	980	980	U	980	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	100	980	980	U	980	U	ug/Kg
79-01-6	Trichloroethene	100	980	980	U	980	U	ug/Kg
75-69-4	Trichlorofluoromethane	100	2450	2450	U	2450	U	ug/Kg
75-01-4	Vinyl chloride	100	2450	2450	U	2450	U	ug/Kg
1330-20-7	Xylenes, Total	100	1960	1960	U	1960	U	ug/Kg

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**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Location ID: **NA**Lab Sample ID: **440-96977-3DL**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **12/16/2014 9:35**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/17/2014 23:57**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	100	2480	2480	U	2480	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	100	990	990	U	990	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	990	990	U	990	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	100	990	990	U	990	U	ug/Kg
75-34-3	1,1-Dichloroethane	100	990	990	U	990	U	ug/Kg
75-35-4	1,1-Dichloroethene	100	2480	2480	U	2480	U	ug/Kg
563-58-6	1,1-Dichloropropene	100	990	990	U	990	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	100	2480	2480	U	2480	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	100	4950	4950	U	4950	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	2480	2480	U	2480	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	100	990	990	U	990	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	100	2480	2480	U	2480	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	100	990	990	U	990	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	990	990	U	990	U	ug/Kg
107-06-2	1,2-Dichloroethane	100	990	990	U	990	U	ug/Kg
78-87-5	1,2-Dichloropropane	100	990	990	U	990	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	100	990	990	U	990	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	990	990	U	990	U	ug/Kg
142-28-9	1,3-Dichloropropane	100	990	990	U	990	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	990	990	U	990	U	ug/Kg
594-20-7	2,2-Dichloropropane	100	990	990	U	990	U	ug/Kg
95-49-8	2-Chlorotoluene	100	2480	2480	U	2480	U	ug/Kg
106-43-4	4-Chlorotoluene	100	2480	2480	U	2480	U	ug/Kg
71-43-2	Benzene	100	990	990	U	990	U	ug/Kg
108-86-1	Bromobenzene	100	2480	2480	U	2480	U	ug/Kg
74-97-5	Bromochloromethane	100	2480	2480	U	2480	U	ug/Kg
75-27-4	Bromodichloromethane	100	990	990	U	990	U	ug/Kg
75-25-2	Bromoform	100	2480	2480	U	2480	U	ug/Kg
74-83-9	Bromomethane	100	2480	2480	U	2480	U	ug/Kg
56-23-5	Carbon tetrachloride	100	2480	2480	U	2480	U	ug/Kg
108-90-7	Chlorobenzene	100	990	990	U	990	U	ug/Kg
75-00-3	Chloroethane	100	2480	2480	U	2480	U	ug/Kg
67-66-3	Chloroform	100	990	990	U	990	U	ug/Kg
74-87-3	Chloromethane	100	2480	2480	U	2480	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	100	990	990	U	990	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	100	990	990	U	990	U	ug/Kg
124-48-1	Dibromochloromethane	100	990	990	U	990	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Location ID: **NA**Lab Sample ID: **440-96977-3DL**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **12/16/2014 9:35**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/17/2014 23:57**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	100	990	990	U	990	U	ug/Kg
75-71-8	Dichlorodifluoromethane	100	2480	2480	U	2480	U	ug/Kg
100-41-4	Ethylbenzene	100	990	990	U	990	U	ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	100	2480	2480	U	2480	U	ug/Kg
87-68-3	Hexachlorobutadiene	100	2480	2480	U	2480	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	100	2480	2480	U	2480	U	ug/Kg
98-82-8	Isopropylbenzene	100	990	990	U	990	U	ug/Kg
179601-23-1	m,p-Xylene	100	990	990	U	990	U	ug/Kg
75-09-2	Methylene Chloride	100	9900	9900	U	9900	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	2480	2480	U	2480	U	ug/Kg
91-20-3	Naphthalene	100	2480	2480	U	2480	U	ug/Kg
104-51-8	n-Butylbenzene	100	2480	2480	U	2480	U	ug/Kg
103-65-1	N-Propylbenzene	100	990	990	U	990	U	ug/Kg
95-47-6	o-Xylene	100	990	990	U	990	U	ug/Kg
99-87-6	p-Isopropyltoluene	100	990	990	U	990	U	ug/Kg
135-98-8	sec-Butylbenzene	100	2480	2480	U	2480	U	ug/Kg
100-42-5	Styrene	100	990	990	U	990	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	100	2480	2480	U	2480	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	100	49500	49500	U	49500	U	ug/Kg
98-06-6	tert-Butylbenzene	100	2480	2480	U	2480	U	ug/Kg
127-18-4	Tetrachloroethene	100	990	990	U *	990	U	ug/Kg
108-88-3	Toluene	100	990	990	U	990	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	100	990	990	U	990	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	100	990	990	U	990	U	ug/Kg
79-01-6	Trichloroethene	100	990	990	U	990	U	ug/Kg
75-69-4	Trichlorofluoromethane	100	2480	2480	U	2480	U	ug/Kg
75-01-4	Vinyl chloride	100	2480	2480	U	2480	U	ug/Kg
1330-20-7	Xylenes, Total	100	1980	1980	U	1980	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1216-T38**
**Location ID: NA**
**Lab Sample ID: 440-96977-4DL**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Oil**
**Sample Date: 12/16/2014 10:08**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/18/2014 11:09**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	200000	4900000	4900000	U	4900000	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	200000	1960000	1960000	U	1960000	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	200000	1960000	1960000	U	1960000	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	200000	1960000	1960000	U	1960000	U	ug/Kg
75-34-3	1,1-Dichloroethane	200000	1960000	1960000	U	1960000	U	ug/Kg
75-35-4	1,1-Dichloroethene	200000	4900000	4900000	U	4900000	U	ug/Kg
563-58-6	1,1-Dichloropropene	200000	1960000	1960000	U	1960000	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	200000	4900000	4900000	U	4900000	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	200000	9800000	9800000	U	9800000	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	200000	4900000	4900000	U	4900000	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	200000	4900000	4900000	U	4900000	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	200000	1960000	1960000	U	1960000	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
107-06-2	1,2-Dichloroethane	200000	1960000	1960000	U	1960000	U	ug/Kg
78-87-5	1,2-Dichloropropane	200000	1960000	1960000	U	1960000	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
142-28-9	1,3-Dichloropropane	200000	1960000	1960000	U	1960000	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
594-20-7	2,2-Dichloropropane	200000	1960000	1960000	U	1960000	U	ug/Kg
95-49-8	2-Chlorotoluene	200000	4900000	4900000	U	4900000	U	ug/Kg
106-43-4	4-Chlorotoluene	200000	4900000	4900000	U	4900000	U	ug/Kg
71-43-2	Benzene	200000	1960000	1960000	U	1960000	U	ug/Kg
108-86-1	Bromobenzene	200000	4900000	4900000	U	4900000	U	ug/Kg
74-97-5	Bromochloromethane	200000	4900000	4900000	U	4900000	U	ug/Kg
75-27-4	Bromodichloromethane	200000	1960000	1960000	U	1960000	U	ug/Kg
75-25-2	Bromoform	200000	4900000	4900000	U *	4900000	U	ug/Kg
74-83-9	Bromomethane	200000	4900000	4900000	U	4900000	U	ug/Kg
56-23-5	Carbon tetrachloride	200000	4900000	4900000	U	4900000	U	ug/Kg
108-90-7	Chlorobenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
75-00-3	Chloroethane	200000	4900000	4900000	U	4900000	U	ug/Kg
67-66-3	Chloroform	200000	1960000	1960000	U	1960000	U	ug/Kg
74-87-3	Chloromethane	200000	4900000	4900000	U	4900000	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	200000	1960000	1960000	U	1960000	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	200000	1960000	1960000	U	1960000	U	ug/Kg
124-48-1	Dibromochloromethane	200000	1960000	1960000	U	1960000	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**Location ID: **NA**Lab Sample ID: **440-96977-4DL**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **12/16/2014 10:08**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/18/2014 11:09**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	200000	1960000	1960000	U	1960000	U	ug/Kg
75-71-8	Dichlorodifluoromethane	200000	4900000	4900000	U	4900000	U	ug/Kg
100-41-4	Ethylbenzene	200000	1960000	54200000		54200000		ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	200000	4900000	4900000	U	4900000	U	ug/Kg
87-68-3	Hexachlorobutadiene	200000	4900000	4900000	U	4900000	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	200000	4900000	4900000	U	4900000	U	ug/Kg
98-82-8	Isopropylbenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
179601-23-1	m,p-Xylene	400000	3920000	139000000		139000000		ug/Kg
75-09-2	Methylene Chloride	200000	19600000	19600000	U	19600000	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	200000	4900000	4900000	U	4900000	U	ug/Kg
91-20-3	Naphthalene	200000	4900000	4900000	U	4900000	U	ug/Kg
104-51-8	n-Butylbenzene	200000	4900000	4900000	U	4900000	U	ug/Kg
103-65-1	N-Propylbenzene	200000	1960000	1960000	U	1960000	U	ug/Kg
95-47-6	o-Xylene	400000	3920000	58800000		58800000		ug/Kg
99-87-6	p-Isopropyltoluene	200000	1960000	1960000	U	1960000	U	ug/Kg
135-98-8	sec-Butylbenzene	200000	4900000	4900000	U	4900000	U	ug/Kg
100-42-5	Styrene	200000	1960000	1960000	U	1960000	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	200000	4900000	4900000	U	4900000	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	200000	98000000	98000000	U	98000000	U	ug/Kg
98-06-6	tert-Butylbenzene	200000	4900000	4900000	U	4900000	U	ug/Kg
127-18-4	Tetrachloroethene	200000	1960000	1960000	U *	1960000	U	ug/Kg
108-88-3	Toluene	200000	1960000	1960000	U	1960000	U	ug/Kg
156-60-5	trans-1,2-Dichloroethene	200000	1960000	1960000	U	1960000	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	200000	1960000	1960000	U	1960000	U	ug/Kg
79-01-6	Trichloroethene	200000	1960000	1960000	U	1960000	U	ug/Kg
75-69-4	Trichlorofluoromethane	200000	4900000	4900000	U	4900000	U	ug/Kg
75-01-4	Vinyl chloride	200000	4900000	4900000	U	4900000	U	ug/Kg
1330-20-7	Xylenes, Total	400000	7840000	198000000		198000000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1216-35792**
**Location ID: NA**
**Lab Sample ID: 440-96977-5DL**
**Sample Type: Site Sample**
**Method: SW8260B**
**Sample Matrix : Oil**
**Sample Date: 12/16/2014 10:56**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/17/2014 22:26**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
630-20-6	1,1,1,2-Tetrachloroethane	1000	22900	22900	U	22900	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	1000	9170	9170	U	9170	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1000	9170	9170	U	9170	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	1000	9170	9170	U	9170	U	ug/Kg
75-34-3	1,1-Dichloroethane	1000	9170	9170	U	9170	U	ug/Kg
75-35-4	1,1-Dichloroethene	1000	22900	22900	U	22900	U	ug/Kg
563-58-6	1,1-Dichloropropene	1000	9170	9170	U	9170	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1000	22900	22900	U	22900	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	1000	45900	45900	U	45900	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000	22900	22900	U	22900	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1000	9170	393000		393000		ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1000	22900	22900	U	22900	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1000	9170	9170	U	9170	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000	9170	9170	U	9170	U	ug/Kg
107-06-2	1,2-Dichloroethane	1000	9170	9170	U	9170	U	ug/Kg
78-87-5	1,2-Dichloropropane	1000	9170	9170	U	9170	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1000	9170	96100		96100		ug/Kg
541-73-1	1,3-Dichlorobenzene	1000	9170	9170	U	9170	U	ug/Kg
142-28-9	1,3-Dichloropropane	1000	9170	9170	U	9170	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000	9170	9170	U	9170	U	ug/Kg
594-20-7	2,2-Dichloropropane	1000	9170	9170	U	9170	U	ug/Kg
95-49-8	2-Chlorotoluene	1000	22900	22900	U	22900	U	ug/Kg
106-43-4	4-Chlorotoluene	1000	22900	22900	U	22900	U	ug/Kg
71-43-2	Benzene	1000	9170	9170	U	9170	U	ug/Kg
108-86-1	Bromobenzene	1000	22900	22900	U	22900	U	ug/Kg
74-97-5	Bromochloromethane	1000	22900	22900	U	22900	U	ug/Kg
75-27-4	Bromodichloromethane	1000	9170	9170	U	9170	U	ug/Kg
75-25-2	Bromoform	1000	22900	22900	U	22900	U	ug/Kg
74-83-9	Bromomethane	1000	22900	22900	U	22900	U	ug/Kg
56-23-5	Carbon tetrachloride	1000	22900	22900	U	22900	U	ug/Kg
108-90-7	Chlorobenzene	1000	9170	9170	U	9170	U	ug/Kg
75-00-3	Chloroethane	1000	22900	22900	U	22900	U	ug/Kg
67-66-3	Chloroform	1000	9170	9170	U	9170	U	ug/Kg
74-87-3	Chloromethane	1000	22900	22900	U	22900	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1000	9170	9170	U	9170	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1000	9170	9170	U	9170	U	ug/Kg
124-48-1	Dibromochloromethane	1000	9170	9170	U	9170	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-35792**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014 10:56**Lab: **TAIRV**Lab Sample ID: **440-96977-5DL**Analysis Date: **12/17/2014 22:26**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1000	9170	9170	U	9170	U	ug/Kg
75-71-8	Dichlorodifluoromethane	1000	22900	22900	U	22900	U	ug/Kg
100-41-4	Ethylbenzene	1000	9170	46900		46900		ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1000	22900	22900	U	22900	U	ug/Kg
87-68-3	Hexachlorobutadiene	1000	22900	22900	U	22900	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1000	22900	22900	U	22900	U	ug/Kg
98-82-8	Isopropylbenzene	1000	9170	30900		30900		ug/Kg
179601-23-1	m,p-Xylene	1000	9170	210000		210000		ug/Kg
75-09-2	Methylene Chloride	1000	91700	91700	U	91700	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1000	22900	22900	U	22900	U	ug/Kg
91-20-3	Naphthalene	1000	22900	169000		169000		ug/Kg
104-51-8	n-Butylbenzene	1000	22900	78100		78100		ug/Kg
103-65-1	N-Propylbenzene	1000	9170	61500		61500		ug/Kg
95-47-6	o-Xylene	1000	9170	129000		129000		ug/Kg
99-87-6	p-Isopropyltoluene	1000	9170	69300		69300		ug/Kg
135-98-8	sec-Butylbenzene	1000	22900	27200		27200		ug/Kg
100-42-5	Styrene	1000	9170	9170	U	9170	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1000	22900	22900	U	22900	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1000	459000	459000	U	459000	U	ug/Kg
98-06-6	tert-Butylbenzene	1000	22900	22900	U	22900	U	ug/Kg
127-18-4	Tetrachloroethene	1000	9170	9170	U *	9170	U	ug/Kg
108-88-3	Toluene	1000	9170	34200		34200		ug/Kg
156-60-5	trans-1,2-Dichloroethene	1000	9170	9170	U	9170	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1000	9170	9170	U	9170	U	ug/Kg
79-01-6	Trichloroethene	1000	9170	9170	U	9170	U	ug/Kg
75-69-4	Trichlorofluoromethane	1000	22900	22900	U	22900	U	ug/Kg
75-01-4	Vinyl chloride	1000	22900	22900	U	22900	U	ug/Kg
1330-20-7	Xylenes, Total	1000	18300	339000		339000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**Location ID: **NA**Lab Sample ID: **440-96977-6DL**Sample Type: **Site Sample**Method: **SW8260B**

Sample Matrix : Oil

Sample Date: **12/16/2014 11:04**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/18/2014 1:58**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	200	4310	4310	U	4310	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	200	1720	1720	U	1720	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	200	1720	1720	U	1720	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	200	1720	1720	U	1720	U	ug/Kg
75-34-3	1,1-Dichloroethane	200	1720	1720	U	1720	U	ug/Kg
75-35-4	1,1-Dichloroethene	200	4310	4310	U	4310	U	ug/Kg
563-58-6	1,1-Dichloropropene	200	1720	1720	U	1720	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	200	4310	4310	U	4310	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	200	8620	8620	U	8620	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	200	4310	4310	U	4310	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	400	3450	115000		115000		ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	200	4310	4310	U	4310	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	200	1720	1720	U	1720	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	200	1720	1720	U	1720	U	ug/Kg
107-06-2	1,2-Dichloroethane	200	1720	1720	U	1720	U	ug/Kg
78-87-5	1,2-Dichloropropane	200	1720	1720	U	1720	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	200	1720	32400		32400		ug/Kg
541-73-1	1,3-Dichlorobenzene	200	1720	1720	U	1720	U	ug/Kg
142-28-9	1,3-Dichloropropane	200	1720	1720	U	1720	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	200	1720	1720	U	1720	U	ug/Kg
594-20-7	2,2-Dichloropropane	200	1720	1720	U	1720	U	ug/Kg
95-49-8	2-Chlorotoluene	200	4310	4310	U	4310	U	ug/Kg
106-43-4	4-Chlorotoluene	200	4310	4310	U	4310	U	ug/Kg
71-43-2	Benzene	200	1720	13100		13100		ug/Kg
108-86-1	Bromobenzene	200	4310	4310	U	4310	U	ug/Kg
74-97-5	Bromochloromethane	200	4310	4310	U	4310	U	ug/Kg
75-27-4	Bromodichloromethane	200	1720	1720	U	1720	U	ug/Kg
75-25-2	Bromoform	200	4310	4310	U	4310	U	ug/Kg
74-83-9	Bromomethane	200	4310	4310	U	4310	U	ug/Kg
56-23-5	Carbon tetrachloride	200	4310	4310	U	4310	U	ug/Kg
108-90-7	Chlorobenzene	200	1720	1720	U	1720	U	ug/Kg
75-00-3	Chloroethane	200	4310	4310	U	4310	U	ug/Kg
67-66-3	Chloroform	200	1720	1720	U	1720	U	ug/Kg
74-87-3	Chloromethane	200	4310	4310	U	4310	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	200	1720	1720	U	1720	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	200	1720	1720	U	1720	U	ug/Kg
124-48-1	Dibromochloromethane	200	1720	1720	U	1720	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014 11:04**Lab: **TAIRV**Lab Sample ID: **440-96977-6DL**Analysis Date: **12/18/2014 1:58**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	200	1720	1720	U	1720	U	ug/Kg
75-71-8	Dichlorodifluoromethane	200	4310	4310	U	4310	U	ug/Kg
100-41-4	Ethylbenzene	200	1720	30800		30800		ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	200	4310	4310	U	4310	U	ug/Kg
87-68-3	Hexachlorobutadiene	200	4310	4310	U	4310	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	200	4310	4310	U	4310	U	ug/Kg
98-82-8	Isopropylbenzene	200	1720	11600		11600		ug/Kg
179601-23-1	m,p-Xylene	200	1720	122000		122000		ug/Kg
75-09-2	Methylene Chloride	200	17200	17200	U	17200	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	200	4310	4310	U	4310	U	ug/Kg
91-20-3	Naphthalene	200	4310	27500		27500		ug/Kg
104-51-8	n-Butylbenzene	200	4310	15500		15500		ug/Kg
103-65-1	N-Propylbenzene	200	1720	22300		22300		ug/Kg
95-47-6	o-Xylene	200	1720	54000		54000		ug/Kg
99-87-6	p-Isopropyltoluene	200	1720	11500		11500		ug/Kg
135-98-8	sec-Butylbenzene	200	4310	8080		8080		ug/Kg
100-42-5	Styrene	200	1720	1720	U	1720	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	200	4310	4310	U	4310	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	200	86200	86200	U	86200	U	ug/Kg
98-06-6	tert-Butylbenzene	200	4310	4310	U	4310	U	ug/Kg
127-18-4	Tetrachloroethene	200	1720	1720	U *	1720	U	ug/Kg
108-88-3	Toluene	200	1720	60500		60500		ug/Kg
156-60-5	trans-1,2-Dichloroethene	200	1720	1720	U	1720	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	200	1720	1720	U	1720	U	ug/Kg
79-01-6	Trichloroethene	200	1720	1720	U	1720	U	ug/Kg
75-69-4	Trichlorofluoromethane	200	4310	4310	U	4310	U	ug/Kg
75-01-4	Vinyl chloride	200	4310	4310	U	4310	U	ug/Kg
1330-20-7	Xylenes, Total	200	3450	176000		176000		ug/Kg

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ENVIRONMENTAL DATA  
PROFESSIONAL, LLC

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-251526**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/15/2014 15:49**Lab: **TAIRV**Lab Sample ID: **440-96977-7DL**Analysis Date: **12/17/2014 22:56**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
630-20-6	1,1,1,2-Tetrachloroethane	1000	22500	22500	U	22500	U	ug/Kg
71-55-6	1,1,1-Trichloroethane	1000	9010	9010	U	9010	U	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1000	9010	9010	U	9010	U	ug/Kg
79-00-5	1,1,2-Trichloroethane	1000	9010	9010	U	9010	U	ug/Kg
75-34-3	1,1-Dichloroethane	1000	9010	9010	U	9010	U	ug/Kg
75-35-4	1,1-Dichloroethene	1000	22500	22500	U	22500	U	ug/Kg
563-58-6	1,1-Dichloropropene	1000	9010	9010	U	9010	U	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1000	22500	22500	U	22500	U	ug/Kg
96-18-4	1,2,3-Trichloropropane	1000	45000	45000	U	45000	U	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000	22500	22500	U	22500	U	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1000	9010	359000		359000		ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1000	22500	22500	U	22500	U	ug/Kg
106-93-4	1,2-Dibromoethane (EDB)	1000	9010	9010	U	9010	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000	9010	9010	U	9010	U	ug/Kg
107-06-2	1,2-Dichloroethane	1000	9010	9010	U	9010	U	ug/Kg
78-87-5	1,2-Dichloropropane	1000	9010	9010	U	9010	U	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1000	9010	89500		89500		ug/Kg
541-73-1	1,3-Dichlorobenzene	1000	9010	9010	U	9010	U	ug/Kg
142-28-9	1,3-Dichloropropane	1000	9010	9010	U	9010	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000	9010	9010	U	9010	U	ug/Kg
594-20-7	2,2-Dichloropropane	1000	9010	9010	U	9010	U	ug/Kg
95-49-8	2-Chlorotoluene	1000	22500	22500	U	22500	U	ug/Kg
106-43-4	4-Chlorotoluene	1000	22500	22500	U	22500	U	ug/Kg
71-43-2	Benzene	1000	9010	9010	U	9010	U	ug/Kg
108-86-1	Bromobenzene	1000	22500	22500	U	22500	U	ug/Kg
74-97-5	Bromochloromethane	1000	22500	22500	U	22500	U	ug/Kg
75-27-4	Bromodichloromethane	1000	9010	9010	U	9010	U	ug/Kg
75-25-2	Bromoform	1000	22500	22500	U	22500	U	ug/Kg
74-83-9	Bromomethane	1000	22500	22500	U	22500	U	ug/Kg
56-23-5	Carbon tetrachloride	1000	22500	22500	U	22500	U	ug/Kg
108-90-7	Chlorobenzene	1000	9010	9010	U	9010	U	ug/Kg
75-00-3	Chloroethane	1000	22500	22500	U	22500	U	ug/Kg
67-66-3	Chloroform	1000	9010	9010	U	9010	U	ug/Kg
74-87-3	Chloromethane	1000	22500	22500	U	22500	U	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1000	9010	9010	U	9010	U	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1000	9010	9010	U	9010	U	ug/Kg
124-48-1	Dibromochloromethane	1000	9010	9010	U	9010	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Volatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-251526**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/15/2014 15:49**Lab: **TAIRV**Lab Sample ID: **440-96977-7DL**Analysis Date: **12/17/2014 22:56**Sample Type: **Site Sample**Method: **SW8260B**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
74-95-3	Dibromomethane	1000	9010	9010	U	9010	U	ug/Kg
75-71-8	Dichlorodifluoromethane	1000	22500	22500	U	22500	U	ug/Kg
100-41-4	Ethylbenzene	1000	9010	43000		43000		ug/Kg
637-92-3	Ethyl-t-butyl ether (ETBE)	1000	22500	22500	U	22500	U	ug/Kg
87-68-3	Hexachlorobutadiene	1000	22500	22500	U	22500	U	ug/Kg
108-20-3	Isopropyl Ether (DIPE)	1000	22500	22500	U	22500	U	ug/Kg
98-82-8	Isopropylbenzene	1000	9010	29000		29000		ug/Kg
179601-23-1	m,p-Xylene	1000	9010	197000		197000		ug/Kg
75-09-2	Methylene Chloride	1000	90100	90100	U	90100	U	ug/Kg
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1000	22500	22500	U	22500	U	ug/Kg
91-20-3	Naphthalene	1000	22500	152000		152000		ug/Kg
104-51-8	n-Butylbenzene	1000	22500	70000		70000		ug/Kg
103-65-1	N-Propylbenzene	1000	9010	57900		57900		ug/Kg
95-47-6	o-Xylene	1000	9010	123000		123000		ug/Kg
99-87-6	p-Isopropyltoluene	1000	9010	64100		64100		ug/Kg
135-98-8	sec-Butylbenzene	1000	22500	25200		25200		ug/Kg
100-42-5	Styrene	1000	9010	9010	U	9010	U	ug/Kg
994-05-8	Tert-amyl-methyl ether (TAME)	1000	22500	22500	U	22500	U	ug/Kg
75-65-0	tert-Butyl alcohol (TBA)	1000	450000	450000	U	450000	U	ug/Kg
98-06-6	tert-Butylbenzene	1000	22500	22500	U	22500	U	ug/Kg
127-18-4	Tetrachloroethene	1000	9010	9010	U *	9010	U	ug/Kg
108-88-3	Toluene	1000	9010	33700		33700		ug/Kg
156-60-5	trans-1,2-Dichloroethene	1000	9010	9010	U	9010	U	ug/Kg
10061-02-6	trans-1,3-Dichloropropene	1000	9010	9010	U	9010	U	ug/Kg
79-01-6	Trichloroethene	1000	9010	9010	U	9010	U	ug/Kg
75-69-4	Trichlorofluoromethane	1000	22500	22500	U	22500	U	ug/Kg
75-01-4	Vinyl chloride	1000	22500	22500	U	22500	U	ug/Kg
1330-20-7	Xylenes, Total	1000	18000	320000		320000		ug/Kg

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1215-256093**
**Sample Matrix : Soil**
**Total/Dissolved: T**
**Location ID: NA**
**Sample Date: 12/15/2014 16:06**
**Lab: TAIRV**
**Lab Sample ID: 440-96977-12DL**
**Analysis Date: 12/23/2014 19:30**
**% Solids: 9.4**
**Sample Type: Site Sample**
**Method: SW8270C**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	5	84000	84000	U	84000	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	84000	84000	U	84000	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	5	84000	84000	U	84000	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	84000	84000	U	84000	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	84000	84000	U	84000	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5	84000	84000	U	84000	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5	84000	84000	U	84000	U	ug/Kg
120-83-2	2,4-Dichlorophenol	5	84000	84000	U	84000	U	ug/Kg
105-67-9	2,4-Dimethylphenol	5	84000	84000	U	84000	U	ug/Kg
51-28-5	2,4-Dinitrophenol	5	168000	168000	U	168000	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	5	84000	84000	U	84000	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	5	84000	84000	U	84000	U	ug/Kg
91-58-7	2-Chloronaphthalene	5	84000	84000	U	84000	U	ug/Kg
95-57-8	2-Chlorophenol	5	84000	84000	U	84000	U	ug/Kg
91-57-6	2-Methylnaphthalene	5	84000	84000	U	84000	U	ug/Kg
95-48-7	2-Methylphenol	5	84000	84000	U	84000	U	ug/Kg
88-74-4	2-Nitroaniline	5	84000	84000	U	84000	U	ug/Kg
88-75-5	2-Nitrophenol	5	84000	84000	U	84000	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	5	211000	211000	U	211000	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	5	84000	84000	U	84000	U	ug/Kg
99-09-2	3-Nitroaniline	5	84000	84000	U	84000	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5	107000	107000	U	107000	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	5	84000	84000	U	84000	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5	84000	84000	U	84000	U	ug/Kg
106-47-8	4-Chloroaniline	5	84000	84000	U	84000	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	5	84000	84000	U	84000	U	ug/Kg
100-01-6	4-Nitroaniline	5	211000	211000	U	211000	U	ug/Kg
100-02-7	4-Nitrophenol	5	211000	211000	U	211000	U	ug/Kg
83-32-9	Acenaphthene	5	84000	84000	U	84000	U	ug/Kg
208-96-8	Acenaphthylene	5	84000	84000	U	84000	U	ug/Kg
62-53-3	Aniline	5	107000	107000	U	107000	U	ug/Kg
120-12-7	Anthracene	5	84000	84000	U	84000	U	ug/Kg
92-87-5	Benzidine	5	341000	341000	U	341000	U	ug/Kg
56-55-3	Benzo[a]anthracene	5	84000	84000	U	84000	U	ug/Kg
50-32-8	Benzo[a]pyrene	5	84000	84000	U *	84000	U	ug/Kg
205-99-2	Benzo[b]fluoranthene	5	84000	84000	U *	84000	U	ug/Kg
191-24-2	Benzo[g,h,i]perylene	5	84000	84000	U	84000	U	ug/Kg

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U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Sample Matrix : **Soil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/15/2014 16:06**Lab: **TAIRV**Lab Sample ID: **440-96977-12DL**Analysis Date: **12/23/2014 19:30**% Solids: **9.4**Sample Type: **Site Sample**Method: **SW8270C**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	5	84000	84000	U	84000	U	ug/Kg
65-85-0	Benzoic acid	5	211000	211000	U	211000	U	ug/Kg
100-51-6	Benzyl alcohol	5	84000	84000	U	84000	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	5	84000	84000	U	84000	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	5	84000	84000	U	84000	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	5	84000	84000	U	84000	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	5	84000	102000		102000		ug/Kg
85-68-7	Butyl benzyl phthalate	5	84000	84000	U	84000	U	ug/Kg
218-01-9	Chrysene	5	84000	84000	U	84000	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	5	107000	107000	U	107000	U	ug/Kg
132-64-9	Dibenzofuran	5	84000	84000	U	84000	U	ug/Kg
84-66-2	Diethyl phthalate	5	84000	84000	U	84000	U	ug/Kg
131-11-3	Dimethyl phthalate	5	84000	84000	U	84000	U	ug/Kg
84-74-2	Di-n-butyl phthalate	5	84000	84000	U	84000	U	ug/Kg
117-84-0	Di-n-octyl phthalate	5	84000	84000	U	84000	U	ug/Kg
206-44-0	Fluoranthene	5	84000	84000	U	84000	U	ug/Kg
86-73-7	Fluorene	5	84000	84000	U	84000	U	ug/Kg
118-74-1	Hexachlorobenzene	5	84000	84000	U	84000	U	ug/Kg
87-68-3	Hexachlorobutadiene	5	84000	84000	U	84000	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5	211000	211000	U	211000	U	ug/Kg
67-72-1	Hexachloroethane	5	84000	84000	U	84000	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	5	84000	84000	U	84000	U	ug/Kg
78-59-1	Isophorone	5	84000	84000	U	84000	U	ug/Kg
91-20-3	Naphthalene	5	84000	84000	U	84000	U	ug/Kg
98-95-3	Nitrobenzene	5	84000	84000	U	84000	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	5	84000	84000	U	84000	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	5	63600	63600	U	63600	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	5	84000	84000	U	84000	U	ug/Kg
87-86-5	Pentachlorophenol	5	211000	211000	U	211000	U	ug/Kg
85-01-8	Phenanthrene	5	84000	84000	U	84000	U	ug/Kg
108-95-2	Phenol	5	84000	84000	U	84000	U	ug/Kg
129-00-0	Pyrene	5	84000	84000	U	84000	U	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Location ID: **NA**Lab Sample ID: **440-96977-13**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **12/15/2014 15:30**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/24/2014 3:18**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	1	1000	1000	U	1000	U	ug/L
95-50-1	1,2-Dichlorobenzene	1	1000	1000	U	1000	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	1	2000	2000	U	2000	U	ug/L
541-73-1	1,3-Dichlorobenzene	1	1000	1000	U	1000	U	ug/L
106-46-7	1,4-Dichlorobenzene	1	1000	1000	U	1000	U	ug/L
95-95-4	2,4,5-Trichlorophenol	1	2000	2000	U	2000	U	ug/L
88-06-2	2,4,6-Trichlorophenol	1	2000	2000	U	2000	U	ug/L
120-83-2	2,4-Dichlorophenol	1	1000	1000	U	1000	U	ug/L
105-67-9	2,4-Dimethylphenol	1	2000	2000	U	2000	U	ug/L
51-28-5	2,4-Dinitrophenol	1	4000	4000	U	4000	U	ug/L
121-14-2	2,4-Dinitrotoluene	1	1000	1000	U	1000	U	ug/L
606-20-2	2,6-Dinitrotoluene	1	1000	1000	U	1000	U	ug/L
91-58-7	2-Chloronaphthalene	1	1000	1000	U	1000	U	ug/L
95-57-8	2-Chlorophenol	1	1000	1000	U	1000	U	ug/L
91-57-6	2-Methylnaphthalene	1	1000	1000	U	1000	U	ug/L
95-48-7	2-Methylphenol	1	1000	1000	U	1000	U	ug/L
88-74-4	2-Nitroaniline	1	2000	2000	U	2000	U	ug/L
88-75-5	2-Nitrophenol	1	1000	1000	U	1000	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	1	2000	2000	U	2000	U	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	1	1000	1740		1740		ug/L
99-09-2	3-Nitroaniline	1	2000	2000	U	2000	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1	2000	2000	U	2000	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	1	1000	1000	U	1000	U	ug/L
59-50-7	4-Chloro-3-methylphenol	1	2000	2000	U	2000	U	ug/L
106-47-8	4-Chloroaniline	1	1000	1000	U	1000	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	1	1000	1000	U	1000	U	ug/L
100-01-6	4-Nitroaniline	1	2000	2000	U	2000	U	ug/L
100-02-7	4-Nitrophenol	1	2000	2000	U	2000	U	ug/L
83-32-9	Acenaphthene	1	1000	1000	U	1000	U	ug/L
208-96-8	Acenaphthylene	1	1000	1000	U	1000	U	ug/L
62-53-3	Aniline	1	1000	1000	U	1000	U	ug/L
120-12-7	Anthracene	1	1000	1000	U	1000	U	ug/L
92-87-5	Benzidine	1	4000	4000	U	4000	U	ug/L
56-55-3	Benzo[a]anthracene	1	1000	1000	U	1000	U	ug/L
50-32-8	Benzo[a]pyrene	1	1000	1000	U	1000	U	ug/L
205-99-2	Benzo[b]fluoranthene	1	1000	1000	U	1000	U	ug/L
191-24-2	Benzo[g,h,i]perylene	1	1000	1000	U	1000	U	ug/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Location ID: **NA**Lab Sample ID: **440-96977-13**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **12/15/2014 15:30**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/24/2014 3:18**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	1	1000	1000	U	1000	U	ug/L
65-85-0	Benzoic acid	1	2000	5850		5850		ug/L
100-51-6	Benzyl alcohol	1	2000	2000	U	2000	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	1	1000	1000	U	1000	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	1	1000	1000	U	1000	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	1	1000	1000	U	1000	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	1	2000	2000	U	2000	U	ug/L
85-68-7	Butyl benzyl phthalate	1	2000	2000	U	2000	U	ug/L
218-01-9	Chrysene	1	1000	1000	U	1000	U	ug/L
53-70-3	Dibenz(a,h)anthracene	1	2000	2000	U	2000	U	ug/L
132-64-9	Dibenzofuran	1	1000	1000	U	1000	U	ug/L
84-66-2	Diethyl phthalate	1	1000	1000	U	1000	U	ug/L
131-11-3	Dimethyl phthalate	1	1000	1000	U	1000	U	ug/L
84-74-2	Di-n-butyl phthalate	1	2000	2000	U	2000	U	ug/L
117-84-0	Di-n-octyl phthalate	1	2000	2000	U	2000	U	ug/L
206-44-0	Fluoranthene	1	1000	1000	U	1000	U	ug/L
86-73-7	Fluorene	1	1000	1000	U	1000	U	ug/L
118-74-1	Hexachlorobenzene	1	1000	1000	U	1000	U	ug/L
87-68-3	Hexachlorobutadiene	1	1000	1000	U	1000	U	ug/L
77-47-4	Hexachlorocyclopentadiene	1	2000	2000	U *	2000	U	ug/L
67-72-1	Hexachloroethane	1	1000	1000	U	1000	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	1	2000	2000	U	2000	U	ug/L
78-59-1	Isophorone	1	1000	1000	U	1000	U	ug/L
91-20-3	Naphthalene	1	1000	1000	U	1000	U	ug/L
98-95-3	Nitrobenzene	1	2000	2000	U	2000	U	ug/L
62-75-9	N-Nitrosodimethylamine	1	2000	2000	U	2000	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	1	1000	1000	U	1000	U	ug/L
86-30-6	N-Nitrosodiphenylamine	1	1000	1000	U	1000	U	ug/L
87-86-5	Pentachlorophenol	1	2000	2000	U	2000	U	ug/L
85-01-8	Phenanthrene	1	1000	1000	U	1000	U	ug/L
108-95-2	Phenol	1	1000	1050		1050		ug/L
129-00-0	Pyrene	1	1000	1000	U	1000	U	ug/L

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**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Location ID: **NA**Lab Sample ID: **440-96977-14DL**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **12/15/2014 9:35**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/24/2014 4:42**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	5	5000	5000	U	5000	U	ug/L
95-50-1	1,2-Dichlorobenzene	5	5000	5000	U	5000	U	ug/L
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	5	10000	10000	U	10000	U	ug/L
541-73-1	1,3-Dichlorobenzene	5	5000	5000	U	5000	U	ug/L
106-46-7	1,4-Dichlorobenzene	5	5000	5000	U	5000	U	ug/L
95-95-4	2,4,5-Trichlorophenol	5	10000	10000	U	10000	U	ug/L
88-06-2	2,4,6-Trichlorophenol	5	10000	10000	U	10000	U	ug/L
120-83-2	2,4-Dichlorophenol	5	5000	5000	U	5000	U	ug/L
105-67-9	2,4-Dimethylphenol	5	10000	10000	U	10000	U	ug/L
51-28-5	2,4-Dinitrophenol	5	20000	20000	U	20000	U	ug/L
121-14-2	2,4-Dinitrotoluene	5	5000	5000	U	5000	U	ug/L
606-20-2	2,6-Dinitrotoluene	5	5000	5000	U	5000	U	ug/L
91-58-7	2-Chloronaphthalene	5	5000	5000	U	5000	U	ug/L
95-57-8	2-Chlorophenol	5	5000	5000	U	5000	U	ug/L
91-57-6	2-Methylnaphthalene	5	5000	13000		13000		ug/L
95-48-7	2-Methylphenol	5	5000	5000	U	5000	U	ug/L
88-74-4	2-Nitroaniline	5	10000	10000	U	10000	U	ug/L
88-75-5	2-Nitrophenol	5	5000	5000	U	5000	U	ug/L
91-94-1	3,3'-Dichlorobenzidine	5	10000	10000	U	10000	U	ug/L
106-44-5	3-Methylphenol + 4-Methylphenol	5	5000	5000	U	5000	U	ug/L
99-09-2	3-Nitroaniline	5	10000	10000	U	10000	U	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	5	10000	10000	U	10000	U	ug/L
101-55-3	4-Bromophenyl phenyl ether	5	5000	5000	U	5000	U	ug/L
59-50-7	4-Chloro-3-methylphenol	5	10000	10000	U	10000	U	ug/L
106-47-8	4-Chloroaniline	5	5000	5000	U	5000	U	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	5	5000	5000	U	5000	U	ug/L
100-01-6	4-Nitroaniline	5	10000	10000	U	10000	U	ug/L
100-02-7	4-Nitrophenol	5	10000	10000	U	10000	U	ug/L
83-32-9	Acenaphthene	5	5000	5000	U	5000	U	ug/L
208-96-8	Acenaphthylene	5	5000	5000	U	5000	U	ug/L
62-53-3	Aniline	5	5000	5000	U	5000	U	ug/L
120-12-7	Anthracene	5	5000	5000	U	5000	U	ug/L
92-87-5	Benzidine	5	20000	20000	U	20000	U	ug/L
56-55-3	Benzo[a]anthracene	5	5000	5000	U	5000	U	ug/L
50-32-8	Benzo[a]pyrene	5	5000	5000	U	5000	U	ug/L
205-99-2	Benzo[b]fluoranthene	5	5000	5000	U	5000	U	ug/L
191-24-2	Benzo[g,h,i]perylene	5	5000	5000	U	5000	U	ug/L

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\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Location ID: **NA**Lab Sample ID: **440-96977-14DL**Sample Type: **Site Sample**Method: **SW8270C**Sample Matrix : **Water**Sample Date: **12/15/2014 9:35**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/24/2014 4:42**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	5	5000	5000	U	5000	U	ug/L
65-85-0	Benzoic acid	5	10000	10000	U	10000	U	ug/L
100-51-6	Benzyl alcohol	5	10000	10000	U	10000	U	ug/L
108-60-1	bis (2-chloroisopropyl) ether	5	5000	5000	U	5000	U	ug/L
111-91-1	Bis(2-chloroethoxy)methane	5	5000	5000	U	5000	U	ug/L
111-44-4	Bis(2-chloroethyl)ether	5	5000	5000	U	5000	U	ug/L
117-81-7	Bis(2-ethylhexyl) phthalate	5	10000	10000	U	10000	U	ug/L
85-68-7	Butyl benzyl phthalate	5	10000	10000	U	10000	U	ug/L
218-01-9	Chrysene	5	5000	5000	U	5000	U	ug/L
53-70-3	Dibenz(a,h)anthracene	5	10000	10000	U	10000	U	ug/L
132-64-9	Dibenzofuran	5	5000	5000	U	5000	U	ug/L
84-66-2	Diethyl phthalate	5	5000	5000	U	5000	U	ug/L
131-11-3	Dimethyl phthalate	5	5000	5000	U	5000	U	ug/L
84-74-2	Di-n-butyl phthalate	5	10000	10000	U	10000	U	ug/L
117-84-0	Di-n-octyl phthalate	5	10000	10000	U	10000	U	ug/L
206-44-0	Fluoranthene	5	5000	5000	U	5000	U	ug/L
86-73-7	Fluorene	5	5000	5000	U	5000	U	ug/L
118-74-1	Hexachlorobenzene	5	5000	5000	U	5000	U	ug/L
87-68-3	Hexachlorobutadiene	5	5000	5000	U	5000	U	ug/L
77-47-4	Hexachlorocyclopentadiene	5	10000	10000	U *	10000	U	ug/L
67-72-1	Hexachloroethane	5	5000	5000	U	5000	U	ug/L
193-39-5	Indeno[1,2,3-cd]pyrene	5	10000	10000	U	10000	U	ug/L
78-59-1	Isophorone	5	5000	5000	U	5000	U	ug/L
91-20-3	Naphthalene	5	5000	5000	U	5000	U	ug/L
98-95-3	Nitrobenzene	5	10000	10000	U	10000	U	ug/L
62-75-9	N-Nitrosodimethylamine	5	10000	10000	U	10000	U	ug/L
621-64-7	N-Nitrosodi-n-propylamine	5	5000	5000	U	5000	U	ug/L
86-30-6	N-Nitrosodiphenylamine	5	5000	5000	U	5000	U	ug/L
87-86-5	Pentachlorophenol	5	10000	10000	U	10000	U	ug/L
85-01-8	Phenanthrene	5	5000	5000	U	5000	U	ug/L
108-95-2	Phenol	5	5000	5000	U	5000	U	ug/L
129-00-0	Pyrene	5	5000	5000	U	5000	U	ug/L

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1215-251526**
**Location ID: NA**
**Lab Sample ID: 440-96977-15DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 12/16/2014 15:49**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/23/2014 19:52**
**% Solids: 43.8**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	4	14300	14300	U	14300	U	ug/Kg
95-50-1	1,2-Dichlorobenzene	4	14300	14300	U	14300	U	ug/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	4	14300	14300	U	14300	U	ug/Kg
541-73-1	1,3-Dichlorobenzene	4	14300	14300	U	14300	U	ug/Kg
106-46-7	1,4-Dichlorobenzene	4	14300	14300	U	14300	U	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4	14300	14300	U	14300	U	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4	14300	14300	U	14300	U	ug/Kg
120-83-2	2,4-Dichlorophenol	4	14300	14300	U	14300	U	ug/Kg
105-67-9	2,4-Dimethylphenol	4	14300	14300	U	14300	U	ug/Kg
51-28-5	2,4-Dinitrophenol	4	28500	28500	U	28500	U	ug/Kg
121-14-2	2,4-Dinitrotoluene	4	14300	14300	U	14300	U	ug/Kg
606-20-2	2,6-Dinitrotoluene	4	14300	14300	U	14300	U	ug/Kg
91-58-7	2-Chloronaphthalene	4	14300	14300	U	14300	U	ug/Kg
95-57-8	2-Chlorophenol	4	14300	14300	U	14300	U	ug/Kg
91-57-6	2-Methylnaphthalene	4	14300	41800		41800		ug/Kg
95-48-7	2-Methylphenol	4	14300	14300	U	14300	U	ug/Kg
88-74-4	2-Nitroaniline	4	14300	14300	U	14300	U	ug/Kg
88-75-5	2-Nitrophenol	4	14300	14300	U	14300	U	ug/Kg
91-94-1	3,3'-Dichlorobenzidine	4	35900	35900	U	35900	U	ug/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	4	14300	36400		36400		ug/Kg
99-09-2	3-Nitroaniline	4	14300	14300	U	14300	U	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4	18200	18200	U	18200	U	ug/Kg
101-55-3	4-Bromophenyl phenyl ether	4	14300	14300	U	14300	U	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4	14300	14300	U	14300	U	ug/Kg
106-47-8	4-Chloroaniline	4	14300	14300	U	14300	U	ug/Kg
7005-72-3	4-Chlorophenyl phenyl ether	4	14300	14300	U	14300	U	ug/Kg
100-01-6	4-Nitroaniline	4	35900	35900	U	35900	U	ug/Kg
100-02-7	4-Nitrophenol	4	35900	35900	U	35900	U	ug/Kg
83-32-9	Acenaphthene	4	14300	14300	U	14300	U	ug/Kg
208-96-8	Acenaphthylene	4	14300	14300	U	14300	U	ug/Kg
62-53-3	Aniline	4	18200	18200	U	18200	U	ug/Kg
120-12-7	Anthracene	4	14300	14300	U	14300	U	ug/Kg
92-87-5	Benzidine	4	57900	57900	U	57900	U	ug/Kg
56-55-3	Benzo[a]anthracene	4	14300	14300	U	14300	U	ug/Kg
50-32-8	Benzo[a]pyrene	4	14300	14300	U *	14300	U	ug/Kg
205-99-2	Benzo[b]fluoranthene	4	14300	14300	U *	14300	U	ug/Kg
191-24-2	Benzo[g,h,i]perylene	4	14300	14300	U	14300	U	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1215-251526**
**Location ID: NA**
**Lab Sample ID: 440-96977-15DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Soil**
**Sample Date: 12/16/2014 15:49**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/23/2014 19:52**
**% Solids: 43.8**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	4	14300	14300	U	14300	U	ug/Kg
65-85-0	Benzoic acid	4	35900	35900	U	35900	U	ug/Kg
100-51-6	Benzyl alcohol	4	14300	14300	U	14300	U	ug/Kg
108-60-1	bis (2-chloroisopropyl) ether	4	14300	14300	U	14300	U	ug/Kg
111-91-1	Bis(2-chloroethoxy)methane	4	14300	14300	U	14300	U	ug/Kg
111-44-4	Bis(2-chloroethyl)ether	4	14300	14300	U	14300	U	ug/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	4	14300	14300	U	14300	U	ug/Kg
85-68-7	Butyl benzyl phthalate	4	14300	14300	U	14300	U	ug/Kg
218-01-9	Chrysene	4	14300	14300	U	14300	U	ug/Kg
53-70-3	Dibenz(a,h)anthracene	4	18200	18200	U	18200	U	ug/Kg
132-64-9	Dibenzofuran	4	14300	14300	U	14300	U	ug/Kg
84-66-2	Diethyl phthalate	4	14300	14300	U	14300	U	ug/Kg
131-11-3	Dimethyl phthalate	4	14300	14300	U	14300	U	ug/Kg
84-74-2	Di-n-butyl phthalate	4	14300	14300	U	14300	U	ug/Kg
117-84-0	Di-n-octyl phthalate	4	14300	14300	U	14300	U	ug/Kg
206-44-0	Fluoranthene	4	14300	14300	U	14300	U	ug/Kg
86-73-7	Fluorene	4	14300	14300	U	14300	U	ug/Kg
118-74-1	Hexachlorobenzene	4	14300	14300	U	14300	U	ug/Kg
87-68-3	Hexachlorobutadiene	4	14300	14300	U	14300	U	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4	35900	35900	U	35900	U	ug/Kg
67-72-1	Hexachloroethane	4	14300	14300	U	14300	U	ug/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	4	14300	14300	U	14300	U	ug/Kg
78-59-1	Isophorone	4	14300	14300	U	14300	U	ug/Kg
91-20-3	Naphthalene	4	14300	18400		18400		ug/Kg
98-95-3	Nitrobenzene	4	14300	14300	U	14300	U	ug/Kg
62-75-9	N-Nitrosodimethylamine	4	14300	14300	U	14300	U	ug/Kg
621-64-7	N-Nitrosodi-n-propylamine	4	10800	10800	U	10800	U	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4	14300	14300	U	14300	U	ug/Kg
87-86-5	Pentachlorophenol	4	35900	35900	U	35900	U	ug/Kg
85-01-8	Phenanthrene	4	14300	14300	U	14300	U	ug/Kg
108-95-2	Phenol	4	14300	14300	U	14300	U	ug/Kg
129-00-0	Pyrene	4	14300	14300	U	14300	U	ug/Kg

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**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014 10:08**Lab: **TAIRV**Lab Sample ID: **440-96977-4DL**Analysis Date: **12/20/2014 3:10**Sample Type: **Site Sample**Method: **SW8270C**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
120-82-1	1,2,4-Trichlorobenzene	100	2480	2480	U	2480	U	mg/Kg
95-50-1	1,2-Dichlorobenzene	100	2480	2480	U	2480	U	mg/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	100	4970	4970	U	4970	U	mg/Kg
541-73-1	1,3-Dichlorobenzene	100	2480	2480	U	2480	U	mg/Kg
106-46-7	1,4-Dichlorobenzene	100	2480	2480	U	2480	U	mg/Kg
95-95-4	2,4,5-Trichlorophenol	100	2480	2480	U	2480	U	mg/Kg
88-06-2	2,4,6-Trichlorophenol	100	4970	4970	U	4970	U	mg/Kg
120-83-2	2,4-Dichlorophenol	100	2480	2480	U	2480	U	mg/Kg
105-67-9	2,4-Dimethylphenol	100	4970	4970	U	4970	U	mg/Kg
51-28-5	2,4-Dinitrophenol	100	24800	24800	U	24800	U	mg/Kg
121-14-2	2,4-Dinitrotoluene	100	2480	2480	U	2480	U	mg/Kg
606-20-2	2,6-Dinitrotoluene	100	2480	2480	U	2480	U	mg/Kg
91-58-7	2-Chloronaphthalene	100	2480	2480	U	2480	U	mg/Kg
95-57-8	2-Chlorophenol	100	2480	2480	U	2480	U	mg/Kg
91-57-6	2-Methylnaphthalene	100	2480	2480	U	2480	U	mg/Kg
95-48-7	2-Methylphenol	100	2480	2480	U	2480	U	mg/Kg
88-74-4	2-Nitroaniline	100	2480	2480	U	2480	U	mg/Kg
88-75-5	2-Nitrophenol	100	2480	2480	U	2480	U	mg/Kg
91-94-1	3,3'-Dichlorobenzidine	100	9930	9930	U	9930	U	mg/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	100	2480	2480	U	2480	U	mg/Kg
99-09-2	3-Nitroaniline	100	2480	2480	U	2480	U	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	9930	9930	U	9930	U	mg/Kg
101-55-3	4-Bromophenyl phenyl ether	100	2480	2480	U	2480	U	mg/Kg
59-50-7	4-Chloro-3-methylphenol	100	4970	4970	U	4970	U	mg/Kg
106-47-8	4-Chloroaniline	100	2480	2480	U	2480	U	mg/Kg
7005-72-3	4-Chlorophenyl phenyl ether	100	2480	2480	U	2480	U	mg/Kg
100-01-6	4-Nitroaniline	100	6450	6450	U	6450	U	mg/Kg
100-02-7	4-Nitrophenol	100	24800	24800	U	24800	U	mg/Kg
83-32-9	Acenaphthene	100	2480	2480	U	2480	U	mg/Kg
208-96-8	Acenaphthylene	100	2480	2480	U	2480	U	mg/Kg
62-53-3	Aniline	100	3480	3480	U	3480	U	mg/Kg
120-12-7	Anthracene	100	2480	2480	U	2480	U	mg/Kg
92-87-5	Benzidine	100	4970	4970	U	4970	U	mg/Kg
56-55-3	Benzo[a]anthracene	100	2480	2480	U	2480	U	mg/Kg
50-32-8	Benzo[a]pyrene	100	2480	2480	U	2480	U	mg/Kg
205-99-2	Benzo[b]fluoranthene	100	2480	2480	U	2480	U	mg/Kg
191-24-2	Benzo[g,h,i]perylene	100	2480	2480	U	2480	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**Location ID: **NA**Lab Sample ID: **440-96977-4DL**Sample Type: **Site Sample**Method: **SW8270C**

Sample Matrix : Oil

Sample Date: **12/16/2014 10:08**Total/Dissolved: **T**Lab: **TAIRV**Analysis Date: **12/20/2014 3:10**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	100	2480	2480	U	2480	U	mg/Kg
65-85-0	Benzoic acid	100	24800	24800	U	24800	U	mg/Kg
100-51-6	Benzyl alcohol	100	4970	4970	U	4970	U	mg/Kg
108-60-1	bis (2-chloroisopropyl) ether	100	2480	2480	U	2480	U	mg/Kg
111-91-1	Bis(2-chloroethoxy)methane	100	2480	2480	U	2480	U	mg/Kg
111-44-4	Bis(2-chloroethyl)ether	100	2480	2480	U	2480	U	mg/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	100	12400	12400	U	12400	U	mg/Kg
85-68-7	Butyl benzyl phthalate	100	4970	4970	U	4970	U	mg/Kg
218-01-9	Chrysene	100	2480	2480	U	2480	U	mg/Kg
53-70-3	Dibenz(a,h)anthracene	100	4970	4970	U	4970	U	mg/Kg
132-64-9	Dibenzofuran	100	2480	2480	U	2480	U	mg/Kg
84-66-2	Diethyl phthalate	100	2480	2480	U	2480	U	mg/Kg
131-11-3	Dimethyl phthalate	100	2480	2480	U	2480	U	mg/Kg
84-74-2	Di-n-butyl phthalate	100	4970	4970	U	4970	U	mg/Kg
117-84-0	Di-n-octyl phthalate	100	9930	9930	U	9930	U	mg/Kg
206-44-0	Fluoranthene	100	2480	2480	U	2480	U	mg/Kg
86-73-7	Fluorene	100	2480	2480	U	2480	U	mg/Kg
118-74-1	Hexachlorobenzene	100	2480	2480	U	2480	U	mg/Kg
87-68-3	Hexachlorobutadiene	100	2480	2480	U	2480	U	mg/Kg
77-47-4	Hexachlorocyclopentadiene	100	9930	9930	U	9930	U	mg/Kg
67-72-1	Hexachloroethane	100	2480	2480	U	2480	U	mg/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	100	4970	4970	U	4970	U	mg/Kg
78-59-1	Isophorone	100	2480	2480	U	2480	U	mg/Kg
91-20-3	Naphthalene	100	2480	2480	U	2480	U	mg/Kg
98-95-3	Nitrobenzene	100	9930	9930	U	9930	U	mg/Kg
62-75-9	N-Nitrosodimethylamine	100	2480	2480	U	2480	U	mg/Kg
621-64-7	N-Nitrosodi-n-propylamine	100	2480	2480	U	2480	U	mg/Kg
86-30-6	N-Nitrosodiphenylamine	100	2480	2480	U	2480	U	mg/Kg
87-86-5	Pentachlorophenol	100	9930	9930	U	9930	U	mg/Kg
85-01-8	Phenanthrene	100	2480	2480	U	2480	U	mg/Kg
108-95-2	Phenol	100	2480	2480	U	2480	U	mg/Kg
129-00-0	Pyrene	100	2480	2480	U	2480	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected

**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1216-35792**
**Location ID: NA**
**Lab Sample ID: 440-96977-5DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Oil**
**Sample Date: 12/16/2014 10:56**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/23/2014 20:15**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	10	233	233	U	233	U	mg/Kg
95-50-1	1,2-Dichlorobenzene	10	233	233	U	233	U	mg/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	10	466	466	U	466	U	mg/Kg
541-73-1	1,3-Dichlorobenzene	10	233	233	U	233	U	mg/Kg
106-46-7	1,4-Dichlorobenzene	10	233	233	U	233	U	mg/Kg
95-95-4	2,4,5-Trichlorophenol	10	233	233	U	233	U	mg/Kg
88-06-2	2,4,6-Trichlorophenol	10	466	466	U	466	U	mg/Kg
120-83-2	2,4-Dichlorophenol	10	233	233	U	233	U	mg/Kg
105-67-9	2,4-Dimethylphenol	10	466	466	U	466	U	mg/Kg
51-28-5	2,4-Dinitrophenol	10	2330	2330	U	2330	U	mg/Kg
121-14-2	2,4-Dinitrotoluene	10	233	233	U	233	U	mg/Kg
606-20-2	2,6-Dinitrotoluene	10	233	233	U	233	U	mg/Kg
91-58-7	2-Chloronaphthalene	10	233	233	U	233	U	mg/Kg
95-57-8	2-Chlorophenol	10	233	233	U	233	U	mg/Kg
91-57-6	2-Methylnaphthalene	10	233	989		989		mg/Kg
95-48-7	2-Methylphenol	10	233	233	U	233	U	mg/Kg
88-74-4	2-Nitroaniline	10	233	233	U	233	U	mg/Kg
88-75-5	2-Nitrophenol	10	233	233	U	233	U	mg/Kg
91-94-1	3,3'-Dichlorobenzidine	10	932	932	U	932	U	mg/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	10	233	233	U	233	U	mg/Kg
99-09-2	3-Nitroaniline	10	233	233	U	233	U	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	10	932	932	U	932	U	mg/Kg
101-55-3	4-Bromophenyl phenyl ether	10	233	233	U	233	U	mg/Kg
59-50-7	4-Chloro-3-methylphenol	10	466	466	U	466	U	mg/Kg
106-47-8	4-Chloroaniline	10	233	233	U	233	U	mg/Kg
7005-72-3	4-Chlorophenyl phenyl ether	10	233	233	U	233	U	mg/Kg
100-01-6	4-Nitroaniline	10	605	605	U	605	U	mg/Kg
100-02-7	4-Nitrophenol	10	2330	2330	U	2330	U	mg/Kg
83-32-9	Acenaphthene	10	233	233	U	233	U	mg/Kg
208-96-8	Acenaphthylene	10	233	233	U	233	U	mg/Kg
62-53-3	Aniline	10	326	326	U	326	U	mg/Kg
120-12-7	Anthracene	10	233	233	U	233	U	mg/Kg
92-87-5	Benzidine	10	466	466	U	466	U	mg/Kg
56-55-3	Benzo[a]anthracene	10	233	233	U	233	U	mg/Kg
50-32-8	Benzo[a]pyrene	10	233	233	U *	233	U	mg/Kg
205-99-2	Benzo[b]fluoranthene	10	233	233	U *	233	U	mg/Kg
191-24-2	Benzo[g,h,i]perylene	10	233	233	U	233	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1216-35792**
**Location ID: NA**
**Lab Sample ID: 440-96977-5DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Oil**
**Sample Date: 12/16/2014 10:56**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/23/2014 20:15**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
207-08-9	Benzo[k]fluoranthene	10	233	233	U	233	U	mg/Kg
65-85-0	Benzoic acid	10	2330	2330	U	2330	U	mg/Kg
100-51-6	Benzyl alcohol	10	466	466	U	466	U	mg/Kg
108-60-1	bis (2-chloroisopropyl) ether	10	233	233	U	233	U	mg/Kg
111-91-1	Bis(2-chloroethoxy)methane	10	233	233	U	233	U	mg/Kg
111-44-4	Bis(2-chloroethyl)ether	10	233	233	U	233	U	mg/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	10	1160	1160	U	1160	U	mg/Kg
85-68-7	Butyl benzyl phthalate	10	466	466	U	466	U	mg/Kg
218-01-9	Chrysene	10	233	233	U	233	U	mg/Kg
53-70-3	Dibenz(a,h)anthracene	10	466	466	U	466	U	mg/Kg
132-64-9	Dibenzofuran	10	233	233	U	233	U	mg/Kg
84-66-2	Diethyl phthalate	10	233	233	U	233	U	mg/Kg
131-11-3	Dimethyl phthalate	10	233	233	U	233	U	mg/Kg
84-74-2	Di-n-butyl phthalate	10	466	466	U	466	U	mg/Kg
117-84-0	Di-n-octyl phthalate	10	932	932	U	932	U	mg/Kg
206-44-0	Fluoranthene	10	233	233	U	233	U	mg/Kg
86-73-7	Fluorene	10	233	233	U	233	U	mg/Kg
118-74-1	Hexachlorobenzene	10	233	233	U	233	U	mg/Kg
87-68-3	Hexachlorobutadiene	10	233	233	U	233	U	mg/Kg
77-47-4	Hexachlorocyclopentadiene	10	932	932	U	932	U	mg/Kg
67-72-1	Hexachloroethane	10	233	233	U	233	U	mg/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	10	466	466	U	466	U	mg/Kg
78-59-1	Isophorone	10	233	233	U	233	U	mg/Kg
91-20-3	Naphthalene	10	233	427		427		mg/Kg
98-95-3	Nitrobenzene	10	932	932	U	932	U	mg/Kg
62-75-9	N-Nitrosodimethylamine	10	233	233	U	233	U	mg/Kg
621-64-7	N-Nitrosodi-n-propylamine	10	233	233	U	233	U	mg/Kg
86-30-6	N-Nitrosodiphenylamine	10	233	233	U	233	U	mg/Kg
87-86-5	Pentachlorophenol	10	932	932	U	932	U	mg/Kg
85-01-8	Phenanthrene	10	233	233	U	233	U	mg/Kg
108-95-2	Phenol	10	233	233	U	233	U	mg/Kg
129-00-0	Pyrene	10	233	233	U	233	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1216-FT095**
**Location ID: NA**
**Lab Sample ID: 440-96977-6DL**
**Sample Type: Site Sample**
**Method: SW8270C**
**Sample Matrix : Oil**
**Sample Date: 12/16/2014 11:04**
**Total/Dissolved: T**
**Lab: TAIRV**
**Analysis Date: 12/23/2014 20:38**

<b>CAS</b>	<b>Parameter Name</b>	<b>DF</b>	<b>RL</b>	<b>Lab Result</b>	<b>Lab Qualifier</b>	<b>Verified Result</b>	<b>Verified Qualifier</b>	<b>Units</b>
120-82-1	1,2,4-Trichlorobenzene	10	241	241	U	241	U	mg/Kg
95-50-1	1,2-Dichlorobenzene	10	241	241	U	241	U	mg/Kg
122-66-7	1,2-Diphenylhydrazine(as Azobenzene)	10	482	482	U	482	U	mg/Kg
541-73-1	1,3-Dichlorobenzene	10	241	241	U	241	U	mg/Kg
106-46-7	1,4-Dichlorobenzene	10	241	241	U	241	U	mg/Kg
95-95-4	2,4,5-Trichlorophenol	10	241	241	U	241	U	mg/Kg
88-06-2	2,4,6-Trichlorophenol	10	482	482	U	482	U	mg/Kg
120-83-2	2,4-Dichlorophenol	10	241	241	U	241	U	mg/Kg
105-67-9	2,4-Dimethylphenol	10	482	482	U	482	U	mg/Kg
51-28-5	2,4-Dinitrophenol	10	2410	2410	U	2410	U	mg/Kg
121-14-2	2,4-Dinitrotoluene	10	241	241	U	241	U	mg/Kg
606-20-2	2,6-Dinitrotoluene	10	241	241	U	241	U	mg/Kg
91-58-7	2-Chloronaphthalene	10	241	241	U	241	U	mg/Kg
95-57-8	2-Chlorophenol	10	241	241	U	241	U	mg/Kg
91-57-6	2-Methylnaphthalene	10	241	627		627		mg/Kg
95-48-7	2-Methylphenol	10	241	241	U	241	U	mg/Kg
88-74-4	2-Nitroaniline	10	241	241	U	241	U	mg/Kg
88-75-5	2-Nitrophenol	10	241	241	U	241	U	mg/Kg
91-94-1	3,3'-Dichlorobenzidine	10	963	963	U	963	U	mg/Kg
106-44-5	3-Methylphenol + 4-Methylphenol	10	241	241	U	241	U	mg/Kg
99-09-2	3-Nitroaniline	10	241	241	U	241	U	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	10	963	963	U	963	U	mg/Kg
101-55-3	4-Bromophenyl phenyl ether	10	241	241	U	241	U	mg/Kg
59-50-7	4-Chloro-3-methylphenol	10	482	482	U	482	U	mg/Kg
106-47-8	4-Chloroaniline	10	241	241	U	241	U	mg/Kg
7005-72-3	4-Chlorophenyl phenyl ether	10	241	241	U	241	U	mg/Kg
100-01-6	4-Nitroaniline	10	626	626	U	626	U	mg/Kg
100-02-7	4-Nitrophenol	10	2410	2410	U	2410	U	mg/Kg
83-32-9	Acenaphthene	10	241	241	U	241	U	mg/Kg
208-96-8	Acenaphthylene	10	241	241	U	241	U	mg/Kg
62-53-3	Aniline	10	337	337	U	337	U	mg/Kg
120-12-7	Anthracene	10	241	241	U	241	U	mg/Kg
92-87-5	Benzidine	10	482	482	U	482	U	mg/Kg
56-55-3	Benzo[a]anthracene	10	241	241	U	241	U	mg/Kg
50-32-8	Benzo[a]pyrene	10	241	241	U *	241	U	mg/Kg
205-99-2	Benzo[b]fluoranthene	10	241	241	U *	241	U	mg/Kg
191-24-2	Benzo[g,h,i]perylene	10	241	241	U	241	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Semivolatiles**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**

Sample Matrix : Oil

Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014 11:04**Lab: **TAIRV**Lab Sample ID: **440-96977-6DL**Analysis Date: **12/23/2014 20:38**Sample Type: **Site Sample**Method: **SW8270C**

CAS	Parameter Name	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
207-08-9	Benzo[k]fluoranthene	10	241	241	U	241	U	mg/Kg
65-85-0	Benzoic acid	10	2410	2410	U	2410	U	mg/Kg
100-51-6	Benzyl alcohol	10	482	482	U	482	U	mg/Kg
108-60-1	bis (2-chloroisopropyl) ether	10	241	241	U	241	U	mg/Kg
111-91-1	Bis(2-chloroethoxy)methane	10	241	241	U	241	U	mg/Kg
111-44-4	Bis(2-chloroethyl)ether	10	241	241	U	241	U	mg/Kg
117-81-7	Bis(2-ethylhexyl) phthalate	10	1200	1200	U	1200	U	mg/Kg
85-68-7	Butyl benzyl phthalate	10	482	482	U	482	U	mg/Kg
218-01-9	Chrysene	10	241	241	U	241	U	mg/Kg
53-70-3	Dibenz(a,h)anthracene	10	482	482	U	482	U	mg/Kg
132-64-9	Dibenzofuran	10	241	241	U	241	U	mg/Kg
84-66-2	Diethyl phthalate	10	241	241	U	241	U	mg/Kg
131-11-3	Dimethyl phthalate	10	241	241	U	241	U	mg/Kg
84-74-2	Di-n-butyl phthalate	10	482	482	U	482	U	mg/Kg
117-84-0	Di-n-octyl phthalate	10	963	963	U	963	U	mg/Kg
206-44-0	Fluoranthene	10	241	241	U	241	U	mg/Kg
86-73-7	Fluorene	10	241	241	U	241	U	mg/Kg
118-74-1	Hexachlorobenzene	10	241	241	U	241	U	mg/Kg
87-68-3	Hexachlorobutadiene	10	241	241	U	241	U	mg/Kg
77-47-4	Hexachlorocyclopentadiene	10	963	963	U	963	U	mg/Kg
67-72-1	Hexachloroethane	10	241	241	U	241	U	mg/Kg
193-39-5	Indeno[1,2,3-cd]pyrene	10	482	482	U	482	U	mg/Kg
78-59-1	Isophorone	10	241	241	U	241	U	mg/Kg
91-20-3	Naphthalene	10	241	285		285		mg/Kg
98-95-3	Nitrobenzene	10	963	963	U	963	U	mg/Kg
62-75-9	N-Nitrosodimethylamine	10	241	241	U	241	U	mg/Kg
621-64-7	N-Nitrosodi-n-propylamine	10	241	241	U	241	U	mg/Kg
86-30-6	N-Nitrosodiphenylamine	10	241	241	U	241	U	mg/Kg
87-86-5	Pentachlorophenol	10	963	963	U	963	U	mg/Kg
85-01-8	Phenanthrene	10	241	241	U	241	U	mg/Kg
108-95-2	Phenol	10	241	241	U	241	U	mg/Kg
129-00-0	Pyrene	10	241	241	U	241	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-96977-12DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	12/15/2014 16:06	12/19/2014 18:32	5	2640	6890		6890		mg/Kg
C23-C40	12/15/2014 16:06	12/19/2014 18:32	5	2640	31900		31900		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-96977-13**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	12/15/2014 15:30	12/19/2014 16:13	1	61.8	63.3		63.3		mg/L
C23-C40	12/15/2014 15:30	12/19/2014 16:13	1	61.8	62.9		62.9		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Sample Matrix : **Water**Location ID: **NA**Lab Sample ID: **440-96977-14DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	12/15/2014 9:35	12/19/2014 16:34	10	852	1680		1680		mg/L
C23-C40	12/15/2014 9:35	12/19/2014 16:34	10	852	1400		1400		mg/L

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-251526**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-96977-15DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	12/16/2014 15:49	12/19/2014 3:01	50	4950	12300		12300		mg/Kg
C23-C40	12/16/2014 15:49	12/19/2014 3:01	50	4950	14100		14100		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-1DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	12/15/2014 16:06	12/18/2014 15:53	100	99500	185000		185000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-2DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	12/15/2014 15:30	12/18/2014 16:19	100	196000	196000	U	196000	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-3DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	12/16/2014 9:35	12/18/2014 16:45	100	198000	198000	U	198000	U	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-4DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	12/16/2014 10:08	12/19/2014 16:56	2	2930	11900		11900		mg/Kg
C23-C40	12/16/2014 10:08	12/19/2014 16:56	2	2930	6730		6730		mg/Kg
GRO (C4-C12)	12/16/2014 10:08	12/18/2014 18:16	#####	92000000	600000000		600000000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-35792**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-5DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	12/16/2014 10:56	12/19/2014 6:10	50	72300	294000		294000		mg/Kg
C23-C40	12/16/2014 10:56	12/19/2014 6:10	50	72300	418000		418000		mg/Kg
GRO (C4-C12)	12/16/2014 10:56	12/18/2014 17:10	2000	3670000	27700000		27700000	J	ug/Kg
									*

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U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-6DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
C13-C22	12/16/2014 11:04	12/19/2014 6:52	50	69500	190000		190000		mg/Kg
C23-C40	12/16/2014 11:04	12/19/2014 6:52	50	69500	242000		242000		mg/Kg
GRO (C4-C12)	12/16/2014 11:04	12/18/2014 17:48	1000	1720000	10300000		10300000		ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - TPH**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-251526**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-7DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW8015B									
GRO (C4-C12)	12/15/2014 15:49	12/18/2014 16:29	2000	3600000	24200000		24200000	J	ug/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Location ID: **NA**Lab Sample ID: **440-96977-1**Sample Type: **Site Sample**Sample Matrix : **Oil**Total/Dissolved: **T**Sample Date: **12/15/2014 16:06**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/17/2014 14:56	1	0.0204	0.0204	U	0.0204	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Location ID: **NA**Lab Sample ID: **440-96977-1DL**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **12/15/2014 16:06**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/17/2014 17:34	5	10	10	U	10	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/17/2014 17:34	5	3	3	U	3	U	mg/Kg
7440-39-3	Barium	SW6010B	12/17/2014 17:34	5	1.5	1080		1080		mg/Kg
7440-41-7	Beryllium	SW6010B	12/17/2014 17:34	5	0.5	0.5	U	0.5	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/17/2014 17:34	5	0.5	0.5	U	0.5	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/17/2014 17:34	5	1	2.69		2.69		mg/Kg
7440-48-4	Cobalt	SW6010B	12/17/2014 17:34	5	1	1	U	1	U	mg/Kg
7440-50-8	Copper	SW6010B	12/17/2014 17:34	5	2	4.15		4.15		mg/Kg
7439-92-1	Lead	SW6010B	12/17/2014 17:34	5	2	2	U	2	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/17/2014 17:34	5	2	2	U	2	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/17/2014 17:34	5	2	2	U	2	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/17/2014 17:34	5	3	3	U	3	U	mg/Kg
7440-22-4	Silver	SW6010B	12/17/2014 17:34	5	1.5	1.5	U	1.5	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/17/2014 17:34	5	10	10	U	10	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/17/2014 17:34	5	1	1	U	1	U	mg/Kg
7440-66-6	Zinc	SW6010B	12/17/2014 17:34	5	5	13.9		13.9		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Location ID: **NA**Lab Sample ID: **440-96977-2**Sample Type: **Site Sample**Sample Matrix : **Oil**Total/Dissolved: **T**Sample Date: **12/15/2014 15:30**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/17/2014 14:58	1	0.02	0.0521		0.0521		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Location ID: **NA**Lab Sample ID: **440-96977-2DL**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **12/15/2014 15:30**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/17/2014 17:40	5	9.95	9.95	U	9.95	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/17/2014 17:40	5	2.99	2.99	U	2.99	U	mg/Kg
7440-39-3	Barium	SW6010B	12/17/2014 17:40	5	1.49	55.5		55.5		mg/Kg
7440-41-7	Beryllium	SW6010B	12/17/2014 17:40	5	0.498	0.498	U	0.498	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/17/2014 17:40	5	0.498	0.498	U	0.498	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/17/2014 17:40	5	0.995	0.995	U	0.995	U	mg/Kg
7440-48-4	Cobalt	SW6010B	12/17/2014 17:40	5	0.995	0.995	U	0.995	U	mg/Kg
7440-50-8	Copper	SW6010B	12/17/2014 17:40	5	1.99	1.99	U	1.99	U	mg/Kg
7439-92-1	Lead	SW6010B	12/17/2014 17:40	5	1.99	1.99	U	1.99	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/17/2014 17:40	5	1.99	1.99	U	1.99	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/17/2014 17:40	5	1.99	1.99	U	1.99	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/17/2014 17:40	5	2.99	2.99	U	2.99	U	mg/Kg
7440-22-4	Silver	SW6010B	12/17/2014 17:40	5	1.49	1.49	U	1.49	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/17/2014 17:40	5	9.95	9.95	U	9.95	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/17/2014 17:40	5	0.995	0.995	U	0.995	U	mg/Kg
7440-66-6	Zinc	SW6010B	12/17/2014 17:40	5	4.98	4.98	U	4.98	U	mg/Kg

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**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Location ID: **NA**Lab Sample ID: **440-96977-3**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **12/16/2014 9:35**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/17/2014 15:00	1	0.0196	0.0196	U	0.0196	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Location ID: **NA**Lab Sample ID: **440-96977-3DL**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **12/16/2014 9:35**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/17/2014 17:43	5	9.85	9.85	U	9.85	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/17/2014 17:43	5	2.96	2.96	U	2.96	U	mg/Kg
7440-39-3	Barium	SW6010B	12/17/2014 17:43	5	1.48	1.48	U	1.48	U	mg/Kg
7440-41-7	Beryllium	SW6010B	12/17/2014 17:43	5	0.493	0.493	U	0.493	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/17/2014 17:43	5	0.493	0.493	U	0.493	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/17/2014 17:43	5	0.985	0.985	U	0.985	U	mg/Kg
7440-48-4	Cobalt	SW6010B	12/17/2014 17:43	5	0.985	0.985	U	0.985	U	mg/Kg
7440-50-8	Copper	SW6010B	12/17/2014 17:43	5	1.97	1.97	U	1.97	U	mg/Kg
7439-92-1	Lead	SW6010B	12/17/2014 17:43	5	1.97	1.97	U	1.97	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/17/2014 17:43	5	1.97	1.97	U	1.97	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/17/2014 17:43	5	1.97	1.97	U	1.97	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/17/2014 17:43	5	2.96	2.96	U	2.96	U	mg/Kg
7440-22-4	Silver	SW6010B	12/17/2014 17:43	5	1.48	1.48	U	1.48	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/17/2014 17:43	5	9.85	9.85	U	9.85	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/17/2014 17:43	5	0.985	0.985	U	0.985	U	mg/Kg
7440-66-6	Zinc	SW6010B	12/17/2014 17:43	5	4.93	4.93	U	4.93	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**Sample Matrix : **Oil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014 10:08**Lab: **TAIRV**Lab Sample ID: **440-96977-4**Sample Type: **Site Sample**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/17/2014 15:08	1	0.0196	0.023		0.023		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**Sample Matrix : **Oil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014 10:08**Lab: **TAIRV**Lab Sample ID: **440-96977-4DL**Sample Type: **Site Sample**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/17/2014 17:45	5	9.8	9.8	U	9.8	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/17/2014 17:45	5	2.94	2.94	U	2.94	U	mg/Kg
7440-39-3	Barium	SW6010B	12/17/2014 17:45	5	1.47	333		333		mg/Kg
7440-41-7	Beryllium	SW6010B	12/17/2014 17:45	5	0.49	0.49	U	0.49	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/17/2014 17:45	5	0.49	0.49	U	0.49	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/17/2014 17:45	5	0.98	1.38		1.38		mg/Kg
7440-48-4	Cobalt	SW6010B	12/17/2014 17:45	5	0.98	0.98	U	0.98	U	mg/Kg
7440-50-8	Copper	SW6010B	12/17/2014 17:45	5	1.96	2		2		mg/Kg
7439-92-1	Lead	SW6010B	12/17/2014 17:45	5	1.96	1.96	U	1.96	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/17/2014 17:45	5	1.96	1.96	U	1.96	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/17/2014 17:45	5	1.96	5.67		5.67		mg/Kg
7782-49-2	Selenium	SW6010B	12/17/2014 17:45	5	2.94	2.94	U	2.94	U	mg/Kg
7440-22-4	Silver	SW6010B	12/17/2014 17:45	5	1.47	1.47	U	1.47	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/17/2014 17:45	5	9.8	9.8	U	9.8	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/17/2014 17:45	5	0.98	9.14		9.14		mg/Kg
7440-66-6	Zinc	SW6010B	12/17/2014 17:45	5	4.9	4.95		4.95		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-35792**Location ID: **NA**Lab Sample ID: **440-96977-5**Sample Type: **Site Sample**Sample Matrix : **Oil**Total/Dissolved: **T**Sample Date: **12/16/2014 10:56**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/17/2014 15:10	1	0.02	0.0752		0.0752		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-35792**Sample Matrix : **Oil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/16/2014 10:56**Lab: **TAIRV**Lab Sample ID: **440-96977-5DL**Sample Type: **Site Sample**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/17/2014 18:05	5	9.8	9.8	U	9.8	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/17/2014 18:05	5	2.94	2.94	U	2.94	U	mg/Kg
7440-39-3	Barium	SW6010B	12/17/2014 18:05	5	1.47	1610		1610		mg/Kg
7440-41-7	Beryllium	SW6010B	12/17/2014 18:05	5	0.49	0.49	U	0.49	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/17/2014 18:05	5	0.49	0.49	U	0.49	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/17/2014 18:05	5	0.98	6.94		6.94		mg/Kg
7440-48-4	Cobalt	SW6010B	12/17/2014 18:05	5	0.98	0.98	U	0.98	U	mg/Kg
7440-50-8	Copper	SW6010B	12/17/2014 18:05	5	1.96	10.2		10.2		mg/Kg
7439-92-1	Lead	SW6010B	12/17/2014 18:05	5	1.96	3.21		3.21		mg/Kg
7439-98-7	Molybdenum	SW6010B	12/17/2014 18:05	5	1.96	1.96	U	1.96	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/17/2014 18:05	5	1.96	27.8		27.8		mg/Kg
7782-49-2	Selenium	SW6010B	12/17/2014 18:05	5	2.94	2.94	U	2.94	U	mg/Kg
7440-22-4	Silver	SW6010B	12/17/2014 18:05	5	1.47	1.47	U	1.47	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/17/2014 18:05	5	9.8	9.8	U	9.8	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/17/2014 18:05	5	0.98	46.4		46.4		mg/Kg
7440-66-6	Zinc	SW6010B	12/17/2014 18:05	5	4.9	23.2		23.2		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**Location ID: **NA**Lab Sample ID: **440-96977-6**Sample Type: **Site Sample**Sample Matrix : **Oil**Total/Dissolved: **T**Sample Date: **12/16/2014 11:04**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/17/2014 15:13	1	0.0196	0.0196	U	0.0196	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**Location ID: **NA**Lab Sample ID: **440-96977-6DL**Sample Type: **Site Sample**Sample Matrix : **Oil**Sample Date: **12/16/2014 11:04**Total/Dissolved: **T**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/17/2014 17:55	25	49.3	49.3	U	49.3	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/17/2014 17:55	25	14.8	14.8	U	14.8	U	mg/Kg
7440-39-3	Barium	SW6010B	12/17/2014 17:55	25	7.39	6990		6990		mg/Kg
7440-41-7	Beryllium	SW6010B	12/17/2014 17:55	25	2.46	2.46	U	2.46	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/17/2014 17:55	25	2.46	2.46	U	2.46	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/17/2014 17:55	25	4.93	52.8		52.8		mg/Kg
7440-48-4	Cobalt	SW6010B	12/17/2014 17:55	25	4.93	4.93	U	4.93	U	mg/Kg
7440-50-8	Copper	SW6010B	12/17/2014 17:55	25	9.85	157		157		mg/Kg
7439-92-1	Lead	SW6010B	12/17/2014 17:55	25	9.85	24		24		mg/Kg
7439-98-7	Molybdenum	SW6010B	12/17/2014 17:55	25	9.85	9.85	U	9.85	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/17/2014 17:55	25	9.85	66.7		66.7		mg/Kg
7782-49-2	Selenium	SW6010B	12/17/2014 17:55	25	14.8	14.8	U	14.8	U	mg/Kg
7440-22-4	Silver	SW6010B	12/17/2014 17:55	25	7.39	7.39	U	7.39	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/17/2014 17:55	25	49.3	49.3	U	49.3	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/17/2014 17:55	25	4.93	39.2		39.2		mg/Kg
7440-66-6	Zinc	SW6010B	12/17/2014 17:55	25	24.6	271		271		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-251526**Location ID: **NA**Lab Sample ID: **440-96977-7**Sample Type: **Site Sample**Sample Matrix : **Oil**Total/Dissolved: **T**Sample Date: **12/15/2014 15:49**Lab: **TAIRV**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7439-97-6	Mercury	SW7471A	12/17/2014 15:15	1	0.0196	0.0196	U	0.0196	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Metals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-251526**Sample Matrix : **Oil**Total/Dissolved: **T**Location ID: **NA**Sample Date: **12/15/2014 15:49**Lab: **TAIRV**Lab Sample ID: **440-96977-7DL**Sample Type: **Site Sample**

CAS	Parameter Name	Method	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
7440-36-0	Antimony	SW6010B	12/17/2014 17:57	5	9.8	9.8	U	9.8	U	mg/Kg
7440-38-2	Arsenic	SW6010B	12/17/2014 17:57	5	2.94	2.94	U	2.94	U	mg/Kg
7440-39-3	Barium	SW6010B	12/17/2014 17:57	5	1.47	1.47	U	1.47	U	mg/Kg
7440-41-7	Beryllium	SW6010B	12/17/2014 17:57	5	0.49	0.49	U	0.49	U	mg/Kg
7440-43-9	Cadmium	SW6010B	12/17/2014 17:57	5	0.49	0.49	U	0.49	U	mg/Kg
7440-47-3	Chromium	SW6010B	12/17/2014 17:57	5	0.98	0.98	U	0.98	U	mg/Kg
7440-48-4	Cobalt	SW6010B	12/17/2014 17:57	5	0.98	0.98	U	0.98	U	mg/Kg
7440-50-8	Copper	SW6010B	12/17/2014 17:57	5	1.96	7.14		7.14		mg/Kg
7439-92-1	Lead	SW6010B	12/17/2014 17:57	5	1.96	1.96	U	1.96	U	mg/Kg
7439-98-7	Molybdenum	SW6010B	12/17/2014 17:57	5	1.96	1.96	U	1.96	U	mg/Kg
7440-02-0	Nickel	SW6010B	12/17/2014 17:57	5	1.96	1.96	U	1.96	U	mg/Kg
7782-49-2	Selenium	SW6010B	12/17/2014 17:57	5	2.94	2.94	U	2.94	U	mg/Kg
7440-22-4	Silver	SW6010B	12/17/2014 17:57	5	1.47	1.47	U	1.47	U	mg/Kg
7440-28-0	Thallium	SW6010B	12/17/2014 17:57	5	9.8	9.8	U	9.8	U	mg/Kg
7440-62-2	Vanadium	SW6010B	12/17/2014 17:57	5	0.98	0.98	U	0.98	U	mg/Kg
7440-66-6	Zinc	SW6010B	12/17/2014 17:57	5	4.9	4.9	U	4.9	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-1**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SM4500CI G									
Chlorine, Total Residual	12/15/2014 16:06	12/22/2014 13:36	1	0.943	0.943	U	0.943	UJ	mg/Kg
<b>Method:</b> SW1010									
Flashpoint	12/15/2014 16:06	12/24/2014 11:09	1	50	>201		>201		Degrees F
<b>Method:</b> SW9045C									
pH	12/15/2014 16:06	12/18/2014 20:27	1	0.1	7.82		7.82		SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Sample Matrix : **Soil**Location ID: **NA**Lab Sample ID: **440-96977-12**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	12/15/2014 16:06	12/18/2014 12:37	1	0.1	91		91		%
<b>Method:</b> Solids									
Percent Solids	12/15/2014 16:06	12/18/2014 12:37	1	0.1	9.4		9.4		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: 1215-251526

Sample Matrix : Soil

Location ID: NA

Lab Sample ID: 440-96977-15

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> Moisture									
Percent Moisture	12/16/2014 15:49	12/18/2014 12:37	1	0.1	56		56		%
<b>Method:</b> Solids									
Percent Solids	12/16/2014 15:49	12/18/2014 12:37	1	0.1	44		44		%

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-256093**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-1DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	12/15/2014 16:06	12/17/2014 22:45	2	9.95	67.8		67.8		mg/Kg
Chloride	12/15/2014 16:06	12/17/2014 22:59	100	498	3200		3200		mg/Kg
Fluoride	12/15/2014 16:06	12/17/2014 22:45	2	9.95	9.95	U	9.95	U	mg/Kg
Nitrate as N	12/15/2014 16:06	12/17/2014 22:45	2	2.19	2.19	U	2.19	U	mg/Kg
Nitrate as NO3	12/15/2014 16:06	12/17/2014 22:45	2	9.95	9.95	U	9.95	U	mg/Kg
Nitrate Nitrite as N	12/15/2014 16:06	12/17/2014 22:45	2	2.99	2.99	U	2.99	U	mg/Kg
Nitrite as N	12/15/2014 16:06	12/17/2014 22:45	2	2.99	2.99	U	2.99	U	mg/Kg
Nitrite as NO2	12/15/2014 16:06	12/17/2014 22:45	2	9.95	9.95	U	9.95	U	mg/Kg
Orthophosphate as P	12/15/2014 16:06	12/17/2014 22:45	2	3.18	3.18	U	3.18	U	mg/Kg
Orthophosphorus as PO4	12/15/2014 16:06	12/17/2014 22:45	2	9.95	9.95	U	9.95	U	mg/Kg
Sulfate	12/15/2014 16:06	12/17/2014 22:45	2	9.95	110		110		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

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**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-2**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SM4500CI G									
Chlorine, Total Residual	12/15/2014 15:30	12/22/2014 13:36	1	0.976	0.976	U	0.976	UJ	mg/Kg
<b>Method:</b> SW1010									
Flashpoint	12/15/2014 15:30	12/22/2014 17:43	1	50	>201		>201		Degrees F
<b>Method:</b> SW9045C									
pH	12/15/2014 15:30	12/18/2014 20:27	1	0.1	6.86		6.86		SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-PT008**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-2DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	12/15/2014 15:30	12/17/2014 23:14	2	9.98	151		151		mg/Kg
Chloride	12/15/2014 15:30	12/17/2014 18:53	500	2490	7860		7860		mg/Kg
Fluoride	12/15/2014 15:30	12/17/2014 23:14	2	9.98	9.98	U	9.98	U	mg/Kg
Nitrate as N	12/15/2014 15:30	12/17/2014 23:14	2	2.19	2.19	U	2.19	U	mg/Kg
Nitrate as NO3	12/15/2014 15:30	12/17/2014 23:14	2	9.98	9.98	U	9.98	U	mg/Kg
Nitrate Nitrite as N	12/15/2014 15:30	12/17/2014 23:14	2	2.99	2.99	U	2.99	U	mg/Kg
Nitrite as N	12/15/2014 15:30	12/17/2014 23:14	2	2.99	2.99	U	2.99	U	mg/Kg
Nitrite as NO2	12/15/2014 15:30	12/17/2014 23:14	2	9.98	9.98	U	9.98	U	mg/Kg
Orthophosphate as P	12/15/2014 15:30	12/17/2014 23:14	2	3.19	22.2		22.2		mg/Kg
Orthophosphorus as PO4	12/15/2014 15:30	12/17/2014 23:14	2	9.98	68.1		68.1		mg/Kg
Sulfate	12/15/2014 15:30	12/17/2014 23:14	2	9.98	13.8		13.8		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

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**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-3**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	12/16/2014 9:35	12/18/2014 0:25	1	4.96	39.5		39.5		mg/Kg
Fluoride	12/16/2014 9:35	12/18/2014 0:25	1	4.96	4.96	U	4.96	U	mg/Kg
Nitrate as N	12/16/2014 9:35	12/18/2014 0:25	1	1.09	1.09	U	1.09	U	mg/Kg
Nitrate as NO <sub>3</sub>	12/16/2014 9:35	12/18/2014 0:25	1	4.96	4.96	U	4.96	U	mg/Kg
Nitrate Nitrite as N	12/16/2014 9:35	12/18/2014 0:25	1	1.49	1.49	U	1.49	U	mg/Kg
Nitrite as N	12/16/2014 9:35	12/18/2014 0:25	1	1.49	1.49	U	1.49	U	mg/Kg
Nitrite as NO <sub>2</sub>	12/16/2014 9:35	12/18/2014 0:25	1	4.96	4.96	U	4.96	U	mg/Kg
Orthophosphate as P	12/16/2014 9:35	12/18/2014 0:25	1	1.59	6.24		6.24		mg/Kg
Orthophosphorus as PO <sub>4</sub>	12/16/2014 9:35	12/18/2014 0:25	1	4.96	19.1		19.1		mg/Kg
Sulfate	12/16/2014 9:35	12/18/2014 0:25	1	4.96	172		172		mg/Kg
<b>Method:</b> SM4500CI G									
Chlorine, Total Residual	12/16/2014 9:35	12/22/2014 13:36	1	0.962	0.962	U	0.962	UJ	mg/Kg
<b>Method:</b> SW1010									
Flashpoint	12/16/2014 9:35	12/24/2014 11:09	1	50	>201		>201		Degrees F
<b>Method:</b> SW9045C									
pH	12/16/2014 9:35	12/18/2014 20:27	1	0.1	8.2		8.2		SU

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\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-1468**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-3DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Chloride	12/16/2014 9:35	12/17/2014 23:42	50	248	1870		1870		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-4**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SW1010									
Flashpoint	12/16/2014 10:08	12/22/2014 17:43	1	50	93.2		93.2		Degrees F
<b>Method:</b> SW9045C									
pH	12/16/2014 10:08	12/18/2014 21:17	1	0.1	0.71		0.71		SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-T38**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-4DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	12/16/2014 10:08	12/18/2014 0:54	100	495	495	U	495	U	mg/Kg
Chloride	12/16/2014 10:08	12/18/2014 0:54	100	495	495	U	495	U	mg/Kg
Fluoride	12/16/2014 10:08	12/18/2014 0:54	100	495	495	U	495	U	mg/Kg
Nitrate as N	12/16/2014 10:08	12/18/2014 0:54	100	109	109	U	109	U	mg/Kg
Nitrate as NO3	12/16/2014 10:08	12/18/2014 0:54	100	495	495	U	495	U	mg/Kg
Nitrate Nitrite as N	12/16/2014 10:08	12/18/2014 0:54	100	149	149	U	149	U	mg/Kg
Nitrite as N	12/16/2014 10:08	12/18/2014 0:54	100	149	149	U	149	U	mg/Kg
Nitrite as NO2	12/16/2014 10:08	12/18/2014 0:54	100	495	495	U	495	U	mg/Kg
Orthophosphate as P	12/16/2014 10:08	12/18/2014 0:54	100	158	158	U	158	U	mg/Kg
Orthophosphorus as PO4	12/16/2014 10:08	12/18/2014 0:54	100	495	495	U	495	U	mg/Kg
Sulfate	12/16/2014 10:08	12/18/2014 0:54	100	495	495	U	495	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

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**Form 1 Data Sheet - Conventionals**
**CTEH**
**Santa Paula, CA**
**SDG: 96977-1**
**COC Sample ID: 1216-35792**
**Sample Matrix : Oil**
**Location ID: NA**
**Lab Sample ID: 440-96977-5**
**Lab Code: TAIRV**
**Sample Type: Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method: MCAWW 300.0</b>									
Bromide	12/16/2014 10:56	12/18/2014 1:23	1	5	5	U	5	U	mg/Kg
Chloride	12/16/2014 10:56	12/18/2014 1:23	1	5	13.3		13.3		mg/Kg
Fluoride	12/16/2014 10:56	12/18/2014 1:23	1	5	5	U	5	U	mg/Kg
Nitrate as N	12/16/2014 10:56	12/18/2014 1:23	1	1.1	1.1	U	1.1	U	mg/Kg
Nitrate as NO3	12/16/2014 10:56	12/18/2014 1:23	1	5	5	U	5	U	mg/Kg
Nitrate Nitrite as N	12/16/2014 10:56	12/18/2014 1:23	1	1.5	1.5	U	1.5	U	mg/Kg
Nitrite as N	12/16/2014 10:56	12/18/2014 1:23	1	1.5	1.5	U	1.5	U	mg/Kg
Nitrite as NO2	12/16/2014 10:56	12/18/2014 1:23	1	5	5	U	5	U	mg/Kg
Orthophosphate as P	12/16/2014 10:56	12/18/2014 1:23	1	1.6	1.6	U	1.6	U	mg/Kg
Orthophosphorus as PO4	12/16/2014 10:56	12/18/2014 1:23	1	5	5	U	5	U	mg/Kg
Sulfate	12/16/2014 10:56	12/18/2014 1:23	1	5	5	U	5	U	mg/Kg
<b>Method: SM4500Cl G</b>									
Chlorine, Total Residual	12/16/2014 10:56	12/22/2014 13:36	1	1.02	1.02	U	1.02	UJ	mg/Kg
<b>Method: SW1010</b>									
Flashpoint	12/16/2014 10:56	12/24/2014 11:09	1	50	>201		>201		Degrees F
<b>Method: SW9045C</b>									
pH	12/16/2014 10:56	12/18/2014 20:27	1	0.1	6.06		6.06		SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-6**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> SM4500CI G									
Chlorine, Total Residual	12/16/2014 11:04	12/22/2014 13:36	1	1	1	U	1	UJ	mg/Kg
<b>Method:</b> SW1010									
Flashpoint	12/16/2014 11:04	12/24/2014 11:09	1	50	>201		>201		Degrees F
<b>Method:</b> SW9045C									
pH	12/16/2014 11:04	12/18/2014 20:27	1	0.1	6.51		6.51		SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1216-FT095**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-6DL**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	12/16/2014 11:04	12/18/2014 1:51	2	9.9	219		219		mg/Kg
Chloride	12/16/2014 11:04	12/17/2014 19:50	500	2480	11200		11200		mg/Kg
Fluoride	12/16/2014 11:04	12/18/2014 1:51	2	9.9	9.9	U	9.9	U	mg/Kg
Nitrate as N	12/16/2014 11:04	12/18/2014 1:51	2	2.18	2.18	U	2.18	U	mg/Kg
Nitrate as NO3	12/16/2014 11:04	12/18/2014 1:51	2	9.9	9.9	U	9.9	U	mg/Kg
Nitrate Nitrite as N	12/16/2014 11:04	12/18/2014 2:06	100	149	149	U	149	U	mg/Kg
Nitrite as N	12/16/2014 11:04	12/18/2014 2:06	100	149	149	U	149	U	mg/Kg
Nitrite as NO2	12/16/2014 11:04	12/18/2014 2:06	100	495	495	U	495	U	mg/Kg
Orthophosphate as P	12/16/2014 11:04	12/18/2014 1:51	2	3.17	3.17	U	3.17	U	mg/Kg
Orthophosphorus as PO4	12/16/2014 11:04	12/18/2014 1:51	2	9.9	9.9	U	9.9	U	mg/Kg
Sulfate	12/16/2014 11:04	12/18/2014 1:51	2	9.9	9.9	U	9.9	U	mg/Kg

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: **1215-251526**Sample Matrix : **Oil**Location ID: **NA**Lab Sample ID: **440-96977-7**Lab Code: **TAIRV**Sample Type: **Site Sample**

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Bromide	12/15/2014 15:49	12/18/2014 2:20	1	4.98	35.7		35.7		mg/Kg
Fluoride	12/15/2014 15:49	12/18/2014 2:20	1	4.98	4.98	U	4.98	U	mg/Kg
Nitrate as N	12/15/2014 15:49	12/18/2014 2:20	1	1.09	1.09	U	1.09	U	mg/Kg
Nitrate as NO3	12/15/2014 15:49	12/18/2014 2:20	1	4.98	4.98	U	4.98	U	mg/Kg
Nitrate Nitrite as N	12/15/2014 15:49	12/18/2014 2:20	1	1.49	1.49	U	1.49	U	mg/Kg
Nitrite as N	12/15/2014 15:49	12/18/2014 2:20	1	1.49	1.49	U	1.49	U	mg/Kg
Nitrite as NO2	12/15/2014 15:49	12/18/2014 2:20	1	4.98	4.98	U	4.98	U	mg/Kg
Orthophosphate as P	12/15/2014 15:49	12/18/2014 2:20	1	1.59	5.02		5.02		mg/Kg
Orthophosphorus as PO4	12/15/2014 15:49	12/18/2014 2:20	1	4.98	15.4		15.4		mg/Kg
Sulfate	12/15/2014 15:49	12/18/2014 2:20	1	4.98	10.6		10.6		mg/Kg
<b>Method:</b> SM4500CI G									
Chlorine, Total Residual	12/15/2014 15:49	12/22/2014 13:36	1	0.849	0.849	U	0.849	UJ	mg/Kg
<b>Method:</b> SW1010									
Flashpoint	12/15/2014 15:49	12/24/2014 11:09	1	50	>177		>177		Degrees F
<b>Method:</b> SW9045C									
pH	12/15/2014 15:49	12/18/2014 20:27	1	0.1	7.54		7.54		SU

DF = Dilution Factor      RL = Reporting Limit

\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected



**Form 1 Data Sheet - Conventionals**

CTEH

Santa Paula, CA

SDG: 96977-1

COC Sample ID: 1215-251526

Sample Matrix : Oil

Location ID: NA

Lab Sample ID: 440-96977-7DL

Lab Code: TAIRV

Sample Type: Site Sample

Parameter Name	Collection Date	Analysis Date	DF	RL	Lab Result	Lab Qualifier	Verified Result	Verified Qualifier	Units
<b>Method:</b> MCAWW 300.0									
Chloride	12/15/2014 15:49	12/18/2014 2:35	50	249	1320		1320		mg/Kg

DF = Dilution Factor      RL = Reporting Limit

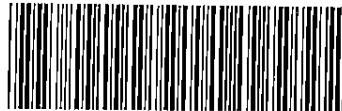
\* = Modified by Validation

U = Non-Detect      J = Estimated      R = Rejected





**Appendix II**  
**Chain of Custody**



440-96977 Chain of Custody

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

**Section A**  
Required Client Information

Company: <b>CTEH</b>	Report To: <b>Kyle Lawrence</b>	Attention:	Page: <b>1387744</b>
Address: <b>5120 Northshore Drive</b>	Copy To:	Company Name:	of
<b>North Little Rock, AR 72118</b>		Address:	NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER
Email To:	Purchase Order No.:	Pace Quote Reference:	UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____
Phone: <b>501-801-8500</b>	Fax: <b></b>	Pace Project Manager:	
Requested Due Date/TAT: <b>Rush</b>	Project Name: <b>Mission Incident</b>	Pace Profile #:	
	Project Number: <b>106846</b>	Site Location:	
		STATE: _____	

Page # ITEM	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / .-) Sample IDs MUST BE UNIQUE	Matrix Codes		SAMPLE CODE: (see valid codes to left)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Requested Analysis Filtered (Y/N)		Residual Chlorine (Y/N)	Pace Project No./Lab I.D.				
		MATRIX / CODE	MATRIX / CODE		COMPOSITE START		COMPOSITE END/GRAB					Y/N	Y/N						
		(G=GRAB C=COMP)	(G=GRAB C=COMP)		DATE	TIME	DATE	TIME				H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	MeOH	Other	
1	1215-256093	P	G		12/15/14	1606			2	2		X X	X X	X X	X X	X X			
2	1215-251526 smc	P	G		12/15/14	1549			2	5	165mc	X X	X X	X X	X X	X X			
3	1215-FT088	P	G		12/15/14	1530			2	5	16	X X	X X	X X	X X	X X			
4	1216-1468	P	G		12/16/14	0935			2	5	16	X X	X X	X X	X X	X X			
5	1216-T38	P	G		12/16/14	1008			2	5	16	X X	X X	X X	X X	X X			
6	1216-35792	P	G		12/16/14	1056			2	2		X X	X X	X X	X X	X X			
7	1216-FT095	P	G		12/16/14	1104			2	2		X X	X X	X X	X X	X X			
8	1215-251526	P	G		12/15/14	1549			2	2		X X	X X	X X	X X	X X			
9	1216-TB001				12/16/14				2	2		X							
10	1216-TB002				12/16/14				2	2		X							
11																			
12																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>By CTEH</i>	12/16/14	16:50	<i>Olga Ornelas DCS</i>	12/16/14	16:50	
	<i>By DCS</i>	12/16/14	19:35				
				<i>Olga Ornelas</i>	12/16/14	19:35	

ORIGINAL

## SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: *Jeremy Goertzen*SIGNATURE of SAMPLER: *J. Goertzen*DATE Signed  
(MM/DD/YY): **12/16/14 14:55**

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples In tact (Y/N)
28°C/20°C	13	12	11

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.